

DX LISTENING DIGEST 16-44, November 3, 2016
Incorporating REVIEW OF INTERNATIONAL BROADCASTING
edited by Glenn Hauser, <http://www.worldofradio.com>

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<http://www.worldofradio.com/dxldmid.html>
[also link to previous years]

NOTE: If you are a regular reader of DXLD, and a source of DX news but have not been sending it directly to us, please consider yourself obligated to do so. Thanks, Glenn

WORLD OF RADIO 1850 CONTENTS: *DX and station news about:
Afghanistan, Algeria non, Antarctica, Bahrain, Canada, Egypt, Eritrea, Ethiopia and non, Germany, International Vacuum, Iran, Kashmir, Korea North non, Kurdistan non, Mexico, Peru, Puntland, Romania, South Africa, Sudan South non, Turkey, USA, Vatican, Vietnam non, unidentified

SHORTWAVE AIRINGS of WORLD OF RADIO 1850, November 3-9, 2016

Thu 1130	WRMI	9955	[confirmed]
Thu 2130	WRMI	13695	[confirmed]
Thu 2330	WBCQ	9330v-CUSB	[confirmed]
Fri 0830	Unique	3210	
Fri 2330	WBCQ	9330v-CUSB	[confirmed]
Sat 0630	HLR	6190-CUSB	Hamburger Lokalradio
Sat 0800	Unique	3210	
Sat 1300	Unique	3210	
Sat 1431	HLR	7265-CUSB	Hamburger Lokalradio [not confirmed]
Sat 1930v	WAORCR	1860-AM	
Sat 2230	WBCQ	9330v-CUSB	
Sun 0310v	WAORCR	1860-AM	[confirmed from 0322]
Sun 0830	Unique	3210	

[North American un-DST shifts start here]

Mon 0030	WBCQ	9330v-CUSB	[not confirmed]
Mon 0400v	WBCQ	5130v-AM	Area 51
Mon 0430	WRMI	9955	
Tue 0030	WBCQ	9330v-CUSB	

Tue 0030	WRMI	7730
Tue 1200	WRMI	9955
Tue 2130	WRMI	15770
Wed 0030	WBCQ	9330v-CUSB
Wed 1415	WRMI	9955
Wed 2200	WBCQ	7490v
Thu 0030	WBCQ	9330v-CUSB

Latest edition of this schedule version, including AM, FM, satellite and webcasts with hotlinks to station sites and audio, is at:

<http://www.worldofradio.com/radioskd.html> or
<http://schedule.worldofradio.org> or <http://sked.worldofradio.org>

For updates see our Anomaly Alert page:
<http://www.worldofradio.com/anomaly.html>

WORLD OF RADIO PODCASTS:

Tnx to Dr Harald Gabler and the Rhein-Main Radio Club.
<http://www.rmrc.de/index.php/rmrc-audio-plattform/podcast/glenn-hauser-wor>

ALTERNATIVE PODCASTS, tnx Stephen Cooper:
<http://shortwave.am/wor.xml>

ANOTHER PODCAST ALTERNATIVE, tnx to Keith Weston:
<http://feeds.feedburner.com/GlennHausersWorldOfRadio>

NOW tnx to Keith Weston, also Podcasts via iTunes:
<https://itunes.apple.com/us/podcast/glenn-hausers-world-of-radio/id1123369861>

AND via Google Play Music:
<http://bit.ly/worldofradio>

OUR ONDEMAND AUDIO:
<http://www.worldofradio.com/audiomid.html>
or <http://wor.worldofradio.org>

DAY-BY-DAY ARCHIVE OF GLENN HAUSER'S LOG REPORTS:

Unedited, uncondensed, unchanged from original version, many of them too complex, minutely researched, multi-frequency, opinionated, inconsequential, off-topic, or lengthy for some log editors to manage; and also ahead of their availability in these weekly issues:
<http://www.hard-core-dx.com/index.php?topic=Hauser>

NOTE: I have *resolved* to make DXLD leaner, more selective, as I seriously need to reduce my workload, much of which has been merely editing gobs of material into presentable form. This makes it even more important to be a member of the DXLD yg for additional material which may not make it into weekly issues (gh)

DXLD YAHOOGROUP: Why wait for DXLD? A lot more info, not all of it appearing in DXLD later, is posted at our yg without delay.

When applying, please identify yourself with your real name and location, and say something about why you want to join. Those who do not, unless I recognize them, will be prompted once to do so and no action will be taken otherwise. Here's where to sign up:
<http://groups.yahoo.com/group/dxld/>

** AFGHANISTAN. [Re 16-43: Radio Afghanistan English observed on 6100 kHz shortwave, online] --- David, thanks for that posting. Afghanistan is one of my favourite DX targets, and I look forward to trying for it from the west coast of North America. It has been heard here in past years, and I also remember picking them up on 41 meters from Maui. 73 (Walt Salmaniw, Victoria, BC, Oct 27, dxldyg via DX LISTENING DIGEST)

Fair signal of Radio Afghanistan External Service from 1529 on 6100, videos later today -- 73! (Ivo Ivanov, QTH: Sofia, Bulgaria, ibid.)

Reception of R. Afghanistan External Service, Oct 27
1529-1635 on 6100 tx Kabul to Asia English/Urdu, fair, off at 1642 UT
<http://swldxbulgaria.blogspot.bg/2016/10/reception-of-radio-afghanistan-external.html>
(Ivo Ivanov, QTH: Sofia, Bulgaria, dxldyg via WORLD OF RADIO 1850, DX LISTENING DIGEST)

Hi all, now (1530 UT) I have a clear signal of Radio Afghanistan on 6100 kHz with English news, Best 73 (Franck Baste, (France - BDXC 1467), Oct 27, BDXC-UK yg via WORLD OF RADIO 1850, DXLD)

Fun listening to Afghanistan this morning and into afternoon, English program from about 1536 UT tune in, male and female announcer with seeming news or commentary program, music between, then abrupt switch to Urdu program with ID just past 1600 UT, with male in news, then music through to carrier off at about 1640. Here's a brief mp3, all of this using Twente SDR, but heard more clearly using the Sweden Kiwi SDR. 1 of 1 File(s)
2016-Oct-27-11-59-46RadioAfghanistanEnglish to Urdu 1600 UTC.mp3
(Dan Robinson, VA, with attachment on the dxldyg, via WORLD OF RADIO 1850, DXLD)

6100, nothing heard on 28 Oct via Perseus sites in Netherlands and E. Finland (the latter in darkness path) from 1500 tune except KCBS Pyongyang which covers this channel to 1800. Time pips at 1530 followed by piano instrumental. Korean female vocal at 1541. Increasing signal level from S2 at 1500 to S4 by 1545 at E. Finland site. S2 at Zaanstad throughout (gray line still east of that site).

Unlikely Afghanistan will break thru this transmission (Bruce Churchill, WORLD OF RADIO 1850, DX LISTENING DIGEST)

Radio Afghanistan not heard on Oct 30 / 31, wb. Last heard in Nov 2011 / March 2012, on 6100 kHz, and later on 7200 kHz [WORLD OF RADIO 1850] History, from archive:

7199.998 [former 6100 / 6102 kHz] Radio Afghanistan in Pashto, English, and Urdu, 1530-1630 UT.

YAK is Kabul "Yakatut" - a suburb at 34 32 23.59 N, 69 12 41.82 E

B-11 of Radio Afghanistan in English and Urdu from Nov 27:
1530-1630 NF7200 YAK 100 kW 125 deg to SoAS, ex6102 to avoid CRI & AWR
(R BULGARIA DXMN, Ivo Ivanov, via wwdxc BC-DX TopNews Dec 14, 2011)

Authorities in Germany featured this direction finding screenshot today Dec 16, 2011, in order to help IARU INTRUDERALERT ng
<http://iaru-r1.org/mailman/listinfo/intruderalert_iaru-r1.org>

Distance Germany Direction Finding monitoring station to Kabul-AFG is 5230 kilometers in 89 degrees azimuth, (fineness plus/minus 2 degrees deviation !),

7200 kHz checked from DF monitoring station east of Cologne-Bonn Germany on Dec 16, shots at 1540 UT, and 2nd DF at 1602 UT. see attached screenshots.

Afghan Telecoms authority, the address is:
Ministry of Communications and Information Technology (MCIT)
c/o Chief of Staff (MCIT) Mr. Ghulam Jelani Waziri, Kabul
E-mail: <jelani.waziri -at- mcit.gov.af> (wb df5sx, wwdxc BC-DX TopNews Dec 16, 2011) (BCDX 1 November via DXLD) Any heard since?

** ALASKA. GEORGIA MEN PLOTTED ATTACK ON ALASKA AURORA RESEARCH FACILITY TO 'RELEASE SOULS,' DETECTIVE SAYS
Author: Annie Zak Updated: 1 day ago Published 2 days ago

<http://www.adn.com/alaska-news/2016/11/01/2-men-arrested-in-georgia-planned-to-attack-alaska-aurora-research-facility-investigators-say/>

Undated UAF handout photo of HAARP facility near Gakona in Interior Alaska. [caption]

Two men arrested last week in southern Georgia were planning to attack an aurora research facility owned by the University of Alaska Fairbanks around which conspiracy theories of mind control have long swirled, investigators said.

Television station WALB in Georgia first reported Monday that investigators with the Coffee County Sheriff's Office arrested Michael Mancil, 30, and James Dryden Jr., 22, on Thursday and said "the massive amount of arsenal seized looked like something out of a movie, one where a small army was headed to war."

[HAARP's new owner holds open house to prove facility "is not capable of mind control"]

<https://www.adn.com/alaska-news/science/2016/08/24/haarps-new-owner-holds-open-house-to-prove-facility-is-not-capable-of-mind-control/>

Michael Vickers, a detective with the sheriff's office, told Alaska Dispatch News that both men confessed "that God told them to go and blow this machine up that kept souls, so souls could be released."

Investigators in Douglas, Ga., said drug suspects Michael Mancil and James Dryden were plotting to attack the HAARP antenna farm in Alaska. (Coffee County, Ga., Sheriff's Office via WALB)[caption]

"All I can tell you is they were planning on blowing up the machine," Vickers said. "Going to try to find a scientist, to steal his car and ID badge to gain access. Any scientist."

Vickers could not say what else the men might be charged with. "It is being investigated and there could be more charges pending, but as of right now, there's nothing I can tell you," he said.

Once a U.S. Air Force facility, High Frequency Active Auroral Research Program ownership last year was transferred to UAF. For many years, conspiracy theories

<https://www.adn.com/science/article/alaska-university-take-over-haarp/2015/07/15/> about HAARP's capabilities for mind and weather control have persisted, to the point where the center hosted an open house in August in an effort to dispel such theories.

<https://www.adn.com/alaska-news/science/2016/08/24/haarps-new-owner-holds-open-house-to-prove-facility-is-not-capable-of-mind-control/>

The program studies the properties and behavior

<http://www.gi.alaska.edu/haarp-0>

of the Earth's ionosphere, a part of the atmosphere that can affect communication and navigation systems.

Marmian Grimes, a spokeswoman at UAF, said that while HAARP has been the target of threats before, "in the recent past there hasn't been anything quite this extreme planned." She didn't have specific details about other threats.

"We're just very glad and thankful to the law enforcement agency in Georgia for following up on that and being able to apprehend those individuals," she said. "There's lots and lots of conspiracy theories and it's important to remember that actually this is a scientific research facility."

Investigators in Douglas, Ga., seized firearms, thousands of rounds of ammunition and other items when they arrested two drug suspects who they said were plotting to attack the HAARP antenna farm in Alaska. (Coffee County, Ga., Sheriff's Office via WALB)[caption]

Among the weapons seized were AR-15 rifles, Glock handguns, a Remington rifle and thousands of rounds of ammunition, WALB reported. Authorities discovered the plot to attack HAARP after initially investigating Mancil "for possible drug sales."

The two men were charged with selling methamphetamine, possession of marijuana, and possession of a weapon during the commission of a crime, WALB reported. Mancil was also charged "with use of a telecommunication device in committing or facilitating a felony."

+124 comments, at least (via Joe L Burke, N0LSD, DXLD)

** ALBANIA. Reception of R Tirana, distorted & good audio, Oct 28/29:
0700-0900 7390 SHI 100 kW / 310 deg WeEu Albanian Oct 28, distorted
0700-0900 7390 SHI 100 kW / 310 deg WeEu Albanian Oct 29, good audio
0800-1000 7390 SHI 100 kW / 310 deg WeEu Albanian effective Oct 30
<http://swldxbulgaria.blogspot.bg/2016/10/reception-of-radio-tirana-with.html>
(Ivo Ivanov, QTH: Sofia, Bulgaria, dxldyg via DX LISTENING DIGEST)

9855, Radio Tirana, Shijak shortwave broadcast center site, in Albanian service to Western Europe and North America (Canada and USA) tonight at 2340 and 2353 UT on Oct 28-UT --- NOT ON AIR. wb df5sx (Wolfgang B. schel, Germany, DX LISTENING DIGEST)

Hello Drita, I'm currently listening to the Italian language service at 1705 UT on 7465 kHz and I can report that reception is much better than for some time. It is now possible to hear the spoken word clearly, and, and to enjoy the music later. The broadcast should be easily understood by Italian speakers. However, the 'buzz' noise has not gone completely. It is much less loud and is far less intrusive now, and we hope that is how it will stay !!!

Signal strength is good enough to be heard on most receivers, but is noticeably less strong than it used to. This is okay for night time in Europe but not for North America. Propagation conditions appear to be disturbed tonight resulting in more fading and distortion than I would expect. Hopefully this transmission is not via the omni-directional

antenna and is being radiated by the directional one. I will continue to monitor other transmissions later this evening and send another report on what I hear. Greetings and Regards from (Noel Green, England, Oct 29, via DXLD)

7464.976, Radio Tirana Shijak broadcast center site in French language service to neighbouring countries / Western Europe. As always still remaining AUDIO DISTURBED signal, for example listen to the included MP3 format recording.

Still visible 10 x 100 Hertz distance apart main power disturbance signal peaks on either sideband, plus +/-50 and +/-150 Hertz peak strings too. Listened at tune-in at 1747 UT to sign-off at 1759:08 UT time slot.

Varying S=9+15dB shortwave signal strength, noted so far in southern Germany and Belgium remote Perseus SD Receiver units today. Shijak broadband signal was 8.4 kHz wide spread during music pieces.

In 1757 to 1759 UT time slot, some special Shijak technician procedure music and Radio Tirana interval signal audio pieces could be heard. TX OFF then at 1759:08 UT on Saturday Oct 29. 73 wb df5sx, wwdxc BC-DX TopNews (Wolfgang B,schel, Oct 29, ibid.)

[non] Compared international broadcaster signals in 41 meterband in same 1700 to 1800 time slot today, under real winter season condition:
7240, China CNR Xizang from Lhasa western Tibet S=9+10dB
7280, Vietnam VoVTN Hanoi Son Tay S=9+10dB
7315, China CRI Kashgar western Tibet S=9+30dB
7330, Thailand BBC Nakhon Sawan S=9+20dB
7485, Thailand VoA Udorn Thani Ban Dung S=9+20dB
7550, India AIR All India Radio in DRM digital mode, S=9+20Db
(Wolfgang B,schel, DX LISTENING DIGEST)

7475, SHI to N America, Radio Tirana 3 in Albanian heard very well in our Monitoring Center-Radio Tirana Headquarter. (ground wave reception) - reported our monitoring tech. Mustafa Turku, via SMS, 30 Oct., at 01:03:32 winter time. Sent from my iPad (Drita «iÁo, DX LISTENING DIGEST)

7474.97, Oct 30 at 0038, JBA carrier, presumed R. Tirana as now scheduled for B-16 in daily Albanian hour to North America. Propagation from Europe is much degraded tonight, on 9, 7 and even 6 MHz bands. English should be at 0230 on same except UT Mondays, so we can't check that until UT Tuesday. Drita «iÁo says new 7475 had a very good signal at 0003 Oct 30, via groundwave into the R. Tirana monitoring center. Also, there have been some reports from listeners about earlier broadcasts Oct 29 and 30 that the modulation had greatly

improved; let's hope for good (Glenn Hauser, OK, DX LISTENING DIGEST)

!!!! hope so too, but seemingly only half power at present?
73 wb df5sx (Wolfgang B,schel, ibid.)

Still 4 x 100 Hertz audio buzzy signal peaks visible either sideband, and a lot of spurious signals on lower sideband down to 7326 kHz range. See screenshot of 7389.977 kHz of 0822 UT this Sunday morning. wolffy (Wolfgang B,schel, Oct 30, ibid.)

Radio Tirana today morning Oct 30, 0800-1000 on 7390 again with awful modulation (Ivo Ivanov, Bulgaria, ibid.)

7475, November 1 at 0022 check, just-barely-audible carrier on the PL-880, presumably R. Tirana Albanian hour to North America, new time and frequency.

7474.96, November 1 at 0224, JBA carrier on the NRD-545, presumably same prior to 0230 English, typically off-frequency-low. Both far too weak to evaluate modulation. We hope propagation improve, but 6 MHz band might be marginally better if a clear spot could be found. (Meanwhile 7410 Romania at 0220 manages S3-S7 in French) (Glenn Hauser, OK, DX LISTENING DIGEST)

** ALGERIA [non]. From HFCC B-16 here is the complete schedule of TDA via ISSoudun, without getting into language/network details:

04-07 5865
05-06 7295
18-19 11660
19-20 9635
19-21 9810
19-2059 11775 [but not starting until 12 Feb, replacing which?]
20-22 9710
21-22 6155
22-23 7335

As always additional registrations for imaginary sites within Algeria, BEC and ORG are disregarded (Glenn Hauser, OK, DX LISTENING DIGEST 16-43 via WORLD OF RADIO 1850)

** ANTARCTICA. 15476, Oct 31 at 1953, no signal from LRA36, but ~4 kHz musical notes from the 15480 station sporadically. Looking for Radio Nacional Arc·ngel San Gabriel, since Manuel MÈndez, Lugo, Spain, tipped the DXLD yg at 1927 of mail from station notifying that they are back on! ---

``Just now, 1900 UT, I have received this e-mail from LRA 36 Radio Nacional Arc·ngel San Gabriel:

Saludos Cordiales: tenemos el agrado de saludarlo e le informarle [sic] que ya comenzamos a transmitir en onda corta en la frecuencia de 15476 khz de lunes a viernes de 15 hs a 18 hs Argentina y 18 a 21 hs UT. Le agradecería un informe de recepción para saber como esta llegando mi señal. Desde ya muchas gracias.

Emisora radial "LRA 36 Arcángel San Gabriel". Desde el Continente Blanco "ANTARTIDA ARGENTINA" le damos un cordial saludo.

They say LRA 36 has begun transmitting, just now, Monday to Friday between 1800-2100 UT, and they appreciate reception reports. E-mail address: lra36@hotmail.com Here in Lugo, at 2025 [sic: means 1925 UT], nothing on 15476 but strong interference from station on 15480`

15480 is off by 2003, but still nothing audible here on 15476 then or at 2010; still USB + carrier? Not surprising, considering that its nearest 19m neighbor, RAE Buenos Aires on 15345.24 is nothing but a JBA carrier at 1955.

15476, Nov 1 at 1845-1847, still no signal (and 15480, AWR Arabic via MADAGASCAR at 19-20) is not on yet.

Now if it were on 11 meters, better luck, as 10m was open for contesting hams in Argentina Oct 30 but not Oct 31-Nov 1! Henceforth, week-daily chex are required of 15476. OK area should have an advantage in that the path is mostly overwater, Pacific and Gulf of Mexico, the only land being Tierra del Fuego, Guatemala/Mexico and Texas. Those in eastern N America have to cope with a mostly overland path, the length of South America, even overAndes. Further west, it's across the length of Mexico. In past, listeners and remotes in Europe, mostly over-Atlantic, had better luck with LRA36 than North Americans (Glenn Hauser, OK, WORLD OF RADIO 1850, DX LISTENING DIGEST)

[Only report of it received so far:]

ANTARTIDA ARGENTINA --- 15475.95, 2057 UT, Radio Nacional Arcángel San Gabriel, Base Esperanza, señal baja. Música latina, 25422. Cierre pasado las 2104 (ce3BBC Hugo Lúpez C., Santiago de Chile, Oct 31, condiglista yg via WORLD OF RADIO 1850, DXLD)

** ARGENTINA. Cordoba Volmet --- Strong here now at 2335z sign on - YL in Spanish on 8952 kHz (Rich Ray, IL, Ten Tec RX 340 and Wellbrook 330s, Oct 26, dxldyg via DX LISTENING DIGEST)

Which Córdoba? The one in ARGENTINA, per

<http://www.dxinfocentre.com/volmet.htm>

`8952 H+25, 45 LVE ARG CORDOBA CORDOBA AERADIO SS -31 18 33 -64 13 34`

And the only one on this frequency, but contradictory time (gh, DXLD)

Yes I agree the time is inconsistent - but was parked on 8952 when Cûrdoba per the dxinfocentre link you sent came up at 2335z. What can I say? (Rich Ray, dxldyg via DX LISTENING DIGEST)

** ARGENTINA. 28463-USB, Oct 30 at 2235, LU8EOT contest contacts with Japan; deep fading. ``LU8EOT Argentina, flag Argentina, Mariano Colacilli (Mark), Pasteur 303, Escobar 1625 BA, Argentina``. His antennas are huge bird roosts.

28425-USB, Oct 30 at 2238, LU7HN with contest contacts: ``LU7HN Argentina, flag Argentina, RENE ERNESTO GIORDA, AV. CERVANTES 3879, SAN FRANCISCO (2400) CORDOBA 2400, Argentina`` (Glenn Hauser, OK, DX LISTENING DIGEST) More 10m ham logs in this report: BRAZIL, COOK ISLANDS SOUTH, HAWAII, URUGUAY

** ARMENIA. 9345, TWR India program via Yerevan Gavar site, S=8 in Tokyo Japan, Santhai language service on Suns, 1300 UT on Oct 30 (Wolfgang B,schel, df5sx, wwdxc BC-DX TopNews Oct 30, dxldyg via DX LISTENING DIGEST)

** ARMENIA. 4810, Public R Company of Armenia, Noratus, Gavar. I heard their Arabic broadcast on Sep 03 at 1815-1845 and sent them an English report with an IRC. 46 days later I got the following kind letter and a beautiful postcard in return:

iDear Anker Petersen, We have received your letter. We are really very glad that we have listeners from Copenhagen, Denmark and always give much importance to the observations made by our listeners both as for the quality of transmissions and the programs. We are very thankful for the provided detailed information. This will help us to go on working hard and always keep on improving the programs and technical issues. We can also follow our programs in different languages via website <http://www.armadio.info> Best regards, Edgar Amirkhanyan, Public Radio of Armenia, Head of international relationsî (Anker Petersen, DSWCI DX Window Nov 2 via DXLD)

** AUSTRALIA. [Re 16-43, UNIDENTIFIED]. ``3210, after almost daily checking here, on Oct 25 had a definite station for a brief time at 1426; announcer and faint music; not very usable and too weak to get any meaningful details, but seemed to be a positive sign of some activity here. My local sunrise at 1425 UT. Perhaps will have better results in the coming months? Of course hope this will turn out to be Unique Radio, the low powered Australian station (Ron Howard, Calif., dxldyg via DX LISTENING DIGEST)

That was a Tuesday. Unique Radio would normally be on the air

weekends, but maybe testing? (gh, DXLD)``

Hi Glenn, no, that wasn't 'Unique Radio' as it doesn't transmit on Tuesdays. I wonder if either Ozzy radio from Sydney or Nick Hacko (VK2DX) is testing from Queensland. ACMA like to put all the smaller domestic shortwave stations on the same frequencies. I will keep an ear on the band from Halls Creek NSW and see if any activity is detected.

5045 kHz, Gunnedah NSW (Unique Radio) has been approved with 1 kW day and night but not likely to be on air this year at this stage. This frequency is also licensed for Sydney and Bundaberg Queensland. 73 (Tim Gaynor, Unique Radio, Halls Creek NSW, Oct 31, DX LISTENING DIGEST)

A weak signal on 3210 could also be a third harmonic of something on 1070, e.g. KNX. Check for //. Or a local MW A+B mixing product (Glenn Hauser, DX LISTENING DIGEST) Note slight changes in WOR times: U S A+

3210, Unique Radio, Halls Creek NSW. Woeful signal at 0950 barely rising above the noise with talk. Change of announcer at 1000, occasional music. 11/9 (Rob Wagner, VK3BVW, Mount Evelyn, VIC (Yaesu FTDX 3000, Kenwood TS2000, Yaesu FRG100, Sangean ATS909, Tecsun PL-680, Double Bazooka antennas for 80, 40 and 20 metres, Par EF-SWL End Fed antenna, BHI NEIM1031 Digital Noise Eliminating Module, MFJ-1026 Noise Cancelling Module, ATU), November Australian DX News via DXLD)

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** AUSTRALIA. 4835, ABC Local R., Alice Springs. Already getting a signal visible at 1947 start. Fanfare at 2030, then M with news. Still audible at 2118 (Dave Valko, Dunlo PA, 25 October 2016 Micro-DXpedition: RX: Perseus SDR, ANT: 313i Beverage (BOG) aimed at 60 . Solar Indices: Solar Flux = 78, A Index = 60!! K Index = 5, G3 level storms!! A7 X-Ray flux, HCDX via DXLD) long path

4835, ABC Alice Springs NT, 1143-1230, 1256-1337 & 1352-1353, Nov 2, found off the air; 1353 carrier on, shortly followed by start of ABC audio, blocking AIR Gangtok reception (Ron Howard, Calif., dxldyg via DX LISTENING DIGEST) see SIKKIM

** AUSTRALIA [and non]. Propagation Good This PM --- They seem to be

quite good this afternoon. I'm hearing Radio Australia quite clearly on 9580 at 2015, and tuned in at about 1945. Seems to be strengthening and is at S3-4 peak but with virtually no noise floor and a het from Nador, Morocco 5 kHz. down. Pretty unusual in these parts at this time (John Figliozzi, Halfmoon, NY, Eton E1XM, A/D DX Sloper, Oct 31, dxldyg via DX LISTENING DIGEST) Long path?

** AZERBAIJAN. This autumn I haven't been able to hear Azerbaijan on either of their usual frequencies: 801 or 891 kHz. Both have been some tens of Hz above nominal and rather usual catches here in Finland. Also the very weak Voice of Azerbaijan transmitter on 1296 kHz has been missing these months. I'd be glad to be proven wrong, but looks like another country may be gone from medium wave. 73, (Mauno Ritola, Oct 29, mwdx yg via DXLD)

** BAHRAIN. 9745, R. Bahrain. Another change in broadcast programming, first confirmed from Dave Kenny from the British DX Club. After several moths/years with Shabab (=Youth) FM program in Arabic and in whole September 2016 with Radio Bahrain English service, 1/10 now is with their Main Program in Arabic (Rumen Pankov, Sofia, Bulgaria (Sony ICF2001D, Folded Marconi ant (own made), November Australian DX News via WORLD OF RADIO 1850, DXLD)

** BANGLADESH. 4750, Bangladesh Betar - HS, Oct 31, as it's Monday, was checking for the weekly SAARC (The South Asian Association for Regional Cooperation) news bulletin in English; yes, they still carry it 1235-1243; iAssalamu alaikum. This is Bangladesh Betar welcoming you!; headlines (Bangladesh and Sri Lanka sign coastal shipping agreement, etc.), then the details; poor, with usual CODAR and CNR1 QRM, but able to make out bits and pieces of some of the items (Ron Howard, Calif., dxldyg via DX LISTENING DIGEST)

** BANGLADESH. Bangladesh Betar external service now available on FM in the capital --- In the course of their 1230 UT English broadcast on 15105 kHz [monitored 31 October 2016 with fair reception via a Global Tuners remote receiver in Philippines] Bangladesh Betar announced that their entire external service was now also available on 90.0 MHz FM at 1230-2000 UT daily. Their website at <http://betar.gov.bd> lists this transmitter in Dhaka with a power of 5 kW (David Kernick, Interval Signals Online, Oct 31, dxldyg via DX LISTENING DIGEST)

** BIAFRA [non]. SECRETLAND, No signal of End Times Coming and R. Biafra via SPL Secrethbrod
End Times Coming ETC Radio Ex-Catholics For Christ
1801-1831 on 11600 SCB 100 kW / 090 deg to WeAs English

Radio Biafra London
2000-2300 on 11600 SCB 100 kW / 195 deg to WeAf English

<http://swldxbulgaria.blogspot.bg/2016/11/no-signal-of-end-times-coming-rbiafra.html>

(Ivo Ivanov, Sofia, Bulgaria, Nov 1?? dxldyg via DX LISTENING DIGEST)

** BOUGAINVILLE [non-log]. 3325, NBC Bougainville, 1132 and subsequent checking, Oct 31; only RRI Palangkaraya here; NBC on the air erratically recently (Ron Howard, Calif., dxldyg via DX LISTENING DIGEST)

** BRAZIL. 11925.216, R·dio Bandeirantes, weak S=5 in Germany at 0208 UT orchestra music, singer + chorus.

11854.893, R·dio Aparecida, BrasPort, male presenter talk S=4-5 tiny, 0210 UT

11815.019, R·dio Brasil Central, BrasPort presenter tiny S=4 0213 UT.

11780.015, RNB Brasília, S=5-6 much fluttery 0215 UT. 11780. UAE RFA Tibetan, + CHN mainland jamming, + co-channel

11764.637, SRDA prayer, song, female BrasPort voice, S=7, 0228 UT (Wolfgang B·schel, Germany, log 0200-0300 UT Oct 30, dxldyg via DX LISTENING DIGEST)

** BRAZIL. 5035, Oct 29 at 0107, very poor signal with Doppler flutter, presumably R. Aparecida, normally masked by splash from 5040 RHC, which is off (Glenn Hauser, OK, DX LISTENING DIGEST)

** BRAZIL. 9818.87, Oct 29 at 0039, very poor S4-S5 carrier, no doubt R. Nove de Julho, always off-frequency below 9820, and sometimes even below 9819 (Glenn Hauser, OK, DX LISTENING DIGEST)

** BRAZIL. 28355-USB, Oct 30 at 2226, PV2P making quick contest contacts in English, the SSOB at S9. Very pleased to find 10m open, and it takes a contest to prove that. A few minutes before, I found 15m open, but nothing on 12m (presumably off-limits for the contest). QRZ.com shows merely: ``PV2P Brazil, flag Brazil, CONTEST CALLSIGN PY2DY, SAO PAULO Brazil`` --- so who is PY2DY? ``PY2DY Brazil, flag Brazil, TONY PY2DY, RUA VISC. DE INHOMERIM 1093 AP.162, SAO PAULO, SP 03120001, Brazil`` (Glenn Hauser, OK, DX LISTENING DIGEST)

** BURUNDI [non]. UNIDENTIFIED, Probably new clandestine broadcast via TDF Issoudun, Oct 27

1700-1800 17870 Issoudun to Africa, unknown lang (Kirundi), poor signal:

<http://swldxbulgaria.blogspot.bg/2016/10/porbably-new-clandestine-broadcast-via.html>

(Ivo Ivanov, QTH: Sofia, Bulgaria, dxldyg via DX LISTENING DIGEST)

** BURUNDI [non]. MADAGASCAR, Radio Publique Africaine via Malagasy Global Business, Oct 30
1800-1831 11550 MDC 250 kW / 295 deg SoAf Kirundi, open carrier/dead air,
1831-1858 11550 MDC 250 kW / 295 deg SoAf French, open carrier/dead air + From time to time several words probably from RFI French, MDC wrong connection! Very weak and poor reception of Radio Publique Africaine on Oct 31 & no videos!
<http://swldxbulgaria.blogspot.bg/2016/11/radio-publique-africaine-via-malagasy.html>
(Ivo Ivanov, QTH: Sofia, Bulgaria, dxldyg via DX LISTENING DIGEST)

** CANADA. Several boards and blogs are reporting that 940 Montreal has begun testing. The calls are CFNV. 50 kW's as before tho many suspect that they are not up to full power yet. The same company was also to bring 600 AM back to the air. Nothing heard yet on that frequency and the deadline to get this station on air is Nov. 9 (Nov. 21 for 940) (Andy Reid, Ont., Oct 27, dxldyg via WORLD OF RADIO 1850, DX LISTENING DIGEST)

Right now 940 kHz AM is on the air with a constant tone at 1530 UT (Gilles Letourneau, Montréal, Quebec, Twitter: @shortwaveradios OfficialSWLchannel Oct 27, ibid.)

** CANADA. 2598-USB, Oct 29 at 0054 UT, robot YL with weather in English, S6; 2749-USB, Oct 29 at 0055 UT, robot YL with weather in French, S5. Still in well on MF despite depressed northerly MUF on HF.

Rich Ray's compilation for the DXLD yg from Canadian Coast Guard shows these are, with start times:

0040 UT 2749 VCO Sydney via Port Caledonia NS 46 11 14 -59 53 59
0048 UT 2598 VCP Placentia via St Lawrence NL 46 55 06 -55 22 45
(Glenn Hauser, OK, DX LISTENING DIGEST)

** CANADA. Re World Series on Radio Marti: Thanks, Glen[n]: About a month ago yet, when that Miami Pitcher (from Cuba [?]) was killed in the boat accident, 6030 had some coverage, and games on. I believe that the 6030 R.M. transmitter is in Greenville, N. Carolina.

The contortions of the ionosphere being what they are, 6030 is now occupied for a couple more months by a 100 watt repeater station near Canmore, Alberta, high in the foothills of the Rockies.

This 100 watt station repeats Calgary's 1060 AM station, CKMX, a 24 hour comedy station in regular AM, not SSB. 24 hours a day of Chris Rock, Lewis Black, and George Carlin!! Yooy!! 24/7 giggles for the cowboys on the Range!!

FUNNY Thing is [pun intended], that there are three 10,000 ft mountain ranges between IT & me, and I live at the very base, of a 6000 ft, 50 degree vertical mountain, 50 feet from the cliff face (East Side) in B.C.

How this lil' 100 watt station makes it here so clear, for about 6 hours every evening has me wondering. Last 4 winters, the station fades in late January, and returns in early October. THX RW, (Rick Wald, BC, Oct 27, DX LISTENING DIGEST) I.e. CFVP 6030 Calgary --- NVIS antenna, maybe? (Glenn Hauser, ibid.)

** CANADA. 7850-CUSB, Oct 30 at 0633, absolutely no signal from CHU, demonstrating how low the MUF has sunk, but still in well on 3330-CUSB (Glenn Hauser, OK, DX LISTENING DIGEST)

** CANADA [non]. Ian McFarland on the Air --- Had lunch with Ian yesterday -- and we are in preliminary discussions on getting him the air for a "DX DIGEST" of sorts in 2017. Via WRMI likely. You might want to mention it - as we are gauging interest - which will be discuss on the DXer.ca forum. Outside of the DXer.ca site - this is the first it has been mentioned to anyone. Your scoop! - (Colin Newell - Editor and creator of Coffeecrew.com and DXer.ca - VA7WWV | Twitter @CoffeeCrew | Victoria - Canada, October 31, to gh, via DX LISTENING DIGEST)

** CANADA. History: Nov 2, 1936 - CANADA'S PUBLIC BROADCASTER BIRTHDAY: 80 TODAY --- RCI 2 November, 2016 by Marc Montgomery

Canada's public broadcaster, the CBC, is 80 years old today. Modelled somewhat on the BBC, the Canadian Broadcasting Corporation came into being on November 2, 1936. Surprisingly many of the issues that led to the creation of the CBC, are still around today.

In 1936, there were 74 radio stations across the country; three were CBC stations and four more were leased. All however were dwarfed by signals sweeping across the border into Canada from more powerful US stations. Concerns of US domination of Canadian airspace, is still a concern 80 years later. Full article here:
<http://www.rcinet.ca/en/2016/11/02/canadas-public-broadcaster-birthday-80-today/>
(via Mike Terry, dxldyg via DXLD)

** CANADA. WORLD AT SIX AT 50: 6 DEFINING MOMENTS FROM OVER THE YEARS
'Some people find it too jazzy,' was one of the early complaints about the CBC Radio program --- By Julie Crysler, CBC News
Posted: Oct 31, 2016 5:00 AM ET Last Updated: Oct 31, 2016 5:51 PM ET

Fifty years ago today, CBC Radio listeners heard a peculiar series of

boops and beeps come over their airwaves. And then: 'Good evening, this is the World at Six, from CBC News Toronto.' It was the voice of Bruce Rogers, one of the program's first hosts (alongside John O'Leary).

Fifty years ago today, CBC Radio listeners heard a peculiar series of boops and beeps come over their airwaves. And then: 'Good evening, this is the World at Six, from CBC News Toronto.' It was the voice of Bruce Rogers, one of the program's first hosts (alongside John O'Leary). (CBC)

Fifty years ago today, CBC Radio listeners heard something completely new. It was Oct. 31, 1966. Halloween. As the clock hit 6 p.m. in the Maritimes, there was a crackle, the faint sound of satellite beeps and then a deep, resonant voice.

"Good evening, this is the World at Six, from CBC News Toronto"

It was the first broadcast of CBC Radio's flagship evening news program, hosted by Bruce Rogers and John O'Leary. World at Six

First broadcast of World at Six - Air date: Oct. 31, 1966
00:00 29:45

Launching World at Six

World at Six was part of a revolution that happened at CBC Radio during the 1960s. Back then, the notion of combining news and analysis was novel so much so that Rogers recalls that the program made some CBC managers nervous.

The World at Six-print ad.jpg

A print advertisement from 1966 for the World at Six. (CBC)

"CBC News had been a rewrite service and had been very limited, very constrained by policy and just by habit," he says. "It was desks with people at typewriters, and occasionally people making phone calls about stories, and then taking it to a reader down the hall in an announce booth who read the news."

World at Six also used fresh production techniques and pioneered the use of music in news programming. The program seems to have provoked a bit of controversy in the early days. . . [much more, with clips]
<http://www.cbc.ca/news/canada/world-at-six-50-anniversary-cbc-radio-1.3822678>
(via Gerald T Pollard, NC, DXLD)

** CANADA. APTN, A TV VOICE FOR LARGELY IGNORED INDIGENOUS CANADIANS
By DAN LEVIN OCT. 29, 2016

<http://www.nytimes.com/2016/10/30/world/americas/aptn-a-tv-voice-for-largely-ignored-indigenous-canadians.html?ref=todayspaper>

Photo: The anchors Michael Hutchinson and Cheryl McKenzie deliver the nightly news at the Aboriginal Peoples Television Network, better known as APTN, in Winnipeg, Manitoba. Credit Aaron Vincent Elkaim for The New York Times

WINNIPEG, Manitoba -- The day's top news stories are beamed from a round studio that evokes a tepee. Adventurous chefs teach viewers how to hunt, skin and cook beaver in a stew. Cartoons about a powerful superhero are broadcast in the Algonquin language.

These are just some of the many programs that appear on the Aboriginal Peoples Television Network, Canada's indigenous broadcaster. Better known as APTN, the network is mainly aimed at viewers in Canada whose cultures existed long before the first Europeans arrived. But its reach is far larger, available to more than 11 million Canadian cable and satellite subscribers with news and entertainment programs designed to reflect the values, spiritual traditions and political priorities of indigenous people across Canada.

"You would never hear these stories without a network dedicated to our voices," said Terry Teegee, the tribal chief of the Carrier Sekani Tribal Council, which represents eight aboriginal First Nation communities in British Columbia.

By focusing on people who have been largely ignored by the nation's mainstream media, the network has become a powerful platform for hundreds of aboriginal communities separated by distance and identity but united in their demands for greater recognition in Canadian society.

The network has received a lift from the Liberal government of Prime Minister Justin Trudeau, who has promised to reset Canada's relationship with its indigenous peoples. Aware of the network's political influence among aboriginal communities, Mr. Trudeau in June became the first prime minister to sit down for an interview with APTN while serving.

The network began in 1999 with a mission to speak for and to the roughly 1.8 million indigenous people in a country that is about 75 percent white. While ethnic minorities often appear on mainstream Canadian networks, "the original people are not represented," said Sky Bridges, 38, the chief operating officer of APTN, a nonprofit organization that generates revenue through subscriber fees, advertising sales and strategic partnerships.

The appetite for onscreen indigenous narratives is growing amid a wave of aboriginal activism, renewed government openness and legal victories that is changing the way Canada deals politically with indigenous perspectives on the environment, human rights and social issues. This is happening after more than a century that was largely defined by governmental and cultural dismissal.

"We now live in a time when aboriginal culture is awakening," said Mr. Bridges, who is of mixed indigenous and European ancestry, known as Metis, one of the three officially recognized aboriginal groups in Canada, along with the northern Inuit and First Nations. "It's important for us to be able to celebrate our culture and make sure it stays alive."

Sky Bridges, the chief operating officer of APTN, said, "It's important for us to be able to celebrate our culture and make sure it stays alive." Credit Aaron Vincent Elkaïm for The New York Times [caption]

To further fulfill that mandate, Mr. Bridges said, APTN is planning to expand into the United States in 2017 with a new cable channel, the All Nations Network, which will have 80 percent of its content produced by Native Americans. He declined to provide details because no deal has been signed.

Based in Winnipeg, the capital of Manitoba, the network has broadcast in English, French and 20 languages spoken by many of Canada's 634 First Nations. Driven by the spotlight of a 24-hour channel and a majority aboriginal work force, the network has used its firsthand cultural understanding to broadcast and produce investigative reporting, comedies, dramas, educational shows and other programming with the authenticity its audience craves.

Viewers can watch shows like "Blackstone," a gritty drama about politics and crime on a fictional aboriginal reserve; "Taken," a documentary series focused on the unsolved cases of Canada's missing and murdered indigenous women; and "Moosemeat & Marmalade," a globe-trotting food series that pairs an aboriginal bush cook with a classically trained British chef. The hosts have hunted moose, foraged for wild greens and thanked the spirit of a buffalo they killed before grilling the meat.

The show "gives people a glimpse into a world they rarely see," said Art Napoleon, 55, one of the hosts, who grew up on a First Nation reserve in British Columbia. "People often think of the past or in stereotypes, but we're still here. We have our own worldview, and a lot of that is still in place."

One of the network's most popular series is "Mohawk Girls," a comedy-drama that depicts the lives of four young indigenous women as they navigate modern love, cultural expectations, career ambitions and the effects of colonization on an aboriginal Mohawk reserve outside Montreal.

"Growing up, we never saw ourselves on TV," said Tracey Deer, 38, the director, a Mohawk who was raised on the reserve where the series is set. The show's lighthearted approach aims to reflect the joys of indigenous life, she said, while attempting to change stereotypes of aboriginal poverty and suffering. "We're not just a tragedy."

Still, the show tackles real-life issues some indigenous people would prefer be kept off screen, including recent expulsions of nonindigenous residents from the reserve along with their indigenous relatives, based on a 1981 rule designed to preserve Mohawk blood purity. The ban provides a backdrop for a character, the child of a Mohawk father and white mother, who moves to the reserve from New York City and faces hostility.

Some viewers are unhappy at seeing unpleasant aspects of their culture publicly shown. "People call me traitor," Ms. Deer said.

Disputes over indigenous representation extend back centuries. Long the target of forced assimilation by white settlers, many aboriginal people in Canada remain stifled by colonial-era treaties and discriminatory laws used to strip them of land, political autonomy and legal rights. The legacy has led to disproportionately high rates of aboriginal violence, substance abuse and deprivation.

Photo: Melissa Ridgen said APTN investigative reporters like her helped native communities overcome their inherent mistrust of the news media. Credit Aaron Vincent Elkaim for The New York Times

But Canadian society learns little about such underlying factors from the more established news media's reporting on indigenous life, said Gitz Crazyboy, 32, an aboriginal activist, who described most of the Canadian news media's coverage as "poverty porn."

"The news tends to perpetuate a lot of stereotypes and thinly veiled racism," he said. "You'll mostly see stories about drunken Indians or native people killing themselves, without realizing there's a deeper context."

Working for an indigenous broadcaster helps native communities overcome their inherent mistrust of the news media, said Melissa Ridgen, an APTN investigative reporter. In recent years, she has exposed a rural doctor who was overprescribing opiates while also

running a methadone clinic; another segment uncovered abuses of aboriginal day laborers in Winnipeg, home to Canada's largest urban indigenous population.

With its team of more than 20 reporters and 11 domestic bureaus, the network's news programs seek to focus on indigenous communities and the Canadian government, which is responsible for much of their affairs. The network has exposed a raft of embarrassing government scandals, uncovered information that helped free a wrongfully imprisoned indigenous woman, and has drawn sustained national attention to long-neglected indigenous problems like police racism, child-welfare-system abuses and the continuing lack of safe drinking water on nearly 100 First Nations reserves.

"We go to those places a lot, but others don't," said Dennis Ward, 34, a Metis reporter at APTN. "They just fly in for a day."

The network plays an important role in government accountability. Mr. Trudeau has promised a "total renewal" of Canada's relationship with its indigenous people, a marked turnaround from his immediate predecessor, Stephen Harper, who was widely criticized for his indifference to aboriginal issues. In an interview with the network during his election campaign last year, Mr. Trudeau pledged that First Nations would "absolutely" have veto power over natural resource projects in their territories.

But since becoming prime minister, he has violated that pledge by allowing such projects to move forward despite protests from indigenous communities.

Ana Collins, 36, a legislative assistant for an outspoken indigenous member of the Canadian Parliament, Romeo Saganash, credits the network with highlighting Mr. Trudeau's change of heart, resulting in mounting public pressure that she and others hope will persuade him to reconsider his position.

"APTN been very good about reminding viewers of that promise," she said, "and how important that promise is."

A version of this article appears in print on October 30, 2016, on page A9 of the New York edition with the headline: A Voice for Indigenous Canadians, Finally Heard (via Mike Cooper, DXLD)

** CHINA. 7415, Firedragon (music jamming), on Oct 31, at 1544. Strong signal, along with weaker CNR1 jamming of RFA (Ron Howard, Calif., dxldyg via DX LISTENING DIGEST)

** CHINA. 15940, CNR1 ?jammer?, parked outside meterband, 20 kHz

wideband Chinese, 0122 UT, S=9+15dB, CNR1 \ 15370 15380 17400 kHz.

17400, CNR1 ?jammer?, parked outside meterband, 20 kHz wideband Chinese, S=8, 0125 UT Nov 1 (Wolfgang B, schel, morning 0100-0140 UT Nov 1st log of remote SDR in Sri Lanka, thanks Victor 4S7VK in Piliyandala, Ceylon, dxldyg via DX LISTENING DIGEST)

** CHINA [and non]. Hi Glenn, Thought this might be of interest to DXLD readers: I wonder how many have similar success?

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CHINA / TAIWAN: One of the advantages of my job, which involves driving cars, is that I get to drive BMWs which have a small Shortwave band (5900-6250 kHz) on their radios. These radios tend to be very good for shortwave to the extent that I sometimes pick up stuff on them that I would never get at home on my Roberts R809.

On Monday 24th October I was driving a BMW and decided to see what I could get. On 6145 at around 1500-1515 UT I picked up a signal in Chinese. According to one website I was either hearing Radio Taiwan International (which was scheduled to use this frequency 0900-1600 for Chinese to East Asia) or PBS Qinghai which was scheduled to use this frequency 1400-1700. Nothing else, as far as I know, was scheduled in Chinese on 6145 at the time I was listening. So whether it was PBS Qinghai or RTI Taipei I think that isn't a bad catch. I have recorded samples but have no idea which was the dominant signal or whether I was hearing one station or both as I have had CNR / PBS from China on at least one previous occasion when using a BMW radio. Best regards and 73s (Dave Harries, Bristol, England, DX LISTENING DIGEST)

Dave, China jams Taiwan, so you were probably hearing a CNR1 jammer, despite the fact that Qinghai may also be using the frequency. You could compare it with non-jammer CNR1 channels (Glenn to Dave, via DXLD)

** CHINA [and non]. 9570, Oct 27 at 0357, romantic song at S5, Chinese announcement, so it's the tail of the CRI Albania relay. 0359 weakens but still something, presumably CNR2 via Geermu 916 site which has been co-channel all along (Glenn Hauser, OK, DX LISTENING DIGEST)

** CHINA [and non]. CHINA vs CHINA, China Radio Int and China Radio Int on 11610 kHz on Oct 26:
1400-1457 11610 KUN 150 kW / 270 deg SoAs Bengali China Radio Int
1400-1457 11610 URU 500 kW / 270 deg N/ME Chinese China Radio Int
<http://swldxbulgaria.blogspot.bg/2016/10/china-radio-int-and-china-radio-int-on.html>

CHINA vs. INDIA, China Radio Int vs All India Radio on 11620, Oct 26:
0830-1140 11620 DEL 250 kW / 334 deg SoAs Urdu/English All India Radio

0900-1300 11620 XIA 500 kW / 073 deg EaAs English/Japanese China R Int
<http://swldxbulgaria.blogspot.bg/2016/10/china-radio-int-vs-all-india-radio-on.html>

(DX RE MIX NEWS #976 from Georgi Bancov and Ivo Ivanov, November 1, 2016 via DXLD)

** CHINA [non]. TAIWAN (non), Reception of Stream of Praise Music Ministries on Oct 31:

2100-2130 7530 TAC 100 kW / 250 deg EaAs Cantonese/Chinese, good
<http://swldxbulgaria.blogspot.bg/2016/11/reception-of-stream-of-praise-music.html>
(Ivo Ivanov, QTH: Sofia, Bulgaria, dxldyg via DX LISTENING DIGEST)

** COOK ISLANDS SOUTH. 28465.9-USB, Oct 30 at 2232, E51JD, Jim on Rarotonga which he spells for the ignorant, with leisurely contact, so apparently not contesting during the contest. QRZ.com shows: ``E51JD South Cook Islands, flag South Cook Islands, JIM DITCHBURN, P O BOX 491, RAROTONGA, COOK ISLANDS, SOUTH PACIFIC, VIA NEW ZEALAND, South Cook Islands, QSL: E51JD WITH 2 GREEN STAMP & SELFADDRESS, SELF SEAL ENVELOPE`` That's lingo for 2 US\$ return postage. And you're out of luck if he has to lick the envelope --- good to be cautious, altho there are devices for tongueless moistening of stamps or envelopes as I used to employ for RIB. All foreign subscribers got a wide new selection of commemoratives on every issue rather than permit postage (Glenn Hauser, OK, DX LISTENING DIGEST)

** CUBA. NUMBERS STATION, Fair reception of Cuban Spy Numbers HM01, Oct 25:

0855-0950 11462 secret/hidden site (Bejucal) Spanish Tue/Thu/Sat
<http://swldxbulgaria.blogspot.bg/2016/10/fair-reception-of-cuban-spy-numbers.html>

Good signal of Cuban Spy Numbers HM01 in 9 MHz Oct 26

0655-0750 9330 secret/hidden site (Bejucal) Spanish Sun/Mon/Wed/Fri
0755-0850 9065 secret/hidden site (Bejucal) Spanish Sun/Mon/Wed/Fri
0855-0950 9240 secret/hidden site (Bejucal) Spanish Sun/Mon/Wed/Fri
http://swldxbulgaria.blogspot.bg/2016/10/good-signal-of-cuban-spy-numbers-hm01_26.html

(DX RE MIX NEWS #976 from Georgi Bancov and Ivo Ivanov, November 1, 2016 via DXLD)

** CUBA. 6000, RHC English, on 6000 and 6060 kHz distorted audio signal, plus BUZZ of 230 Hertz on 6060 kHz due to co-channel odd Brazilian SRDA signal on 6059.770 kHz,

6100, RHC and 5040 kHz too, both but better audio quality, and heard also on tiny reduced power on 6165 kHz channel too. All on Oct 28 till 0600 UT [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang B_schel, Morning log 0445-0640 UT on Oct 28, Logged in US Detroit Michigan remote SDR unit wwdxc BC-DX TopNews, dxldyg via DX LISTENING

DIGEST)

5040, Oct 29 at 0107, RHC is OFF, allowing a JBA carrier here, maybe INDIA? 5025, Oct 29 at 0107, R. Rebelde is on at S9+35, but dead air! Way to go, RadioCuba! (Glenn Hauser, OK, DX LISTENING DIGEST)

[and non]. 5025, Oct 30 at 0015, R. Rebelde is dead air again, S9+25, suffering splatter from 5050 WWRB (not 5040 RHC as I first suspected, which is nominal). By 0116 Rebelde seems off, and I have an S6 carrier about 5024.99, Quillabamba, Per? By 0138 this is just barely modulated, so I compare it to 1180 Rebelde, and no match. However, there are really two slightly offset carriers around 5025, so RR may still be on at much reduced power. I might have blamed poor propagation, were 5040 RHC not still inbooming, unlike on higher bands (Glenn Hauser, OK, DX LISTENING DIGEST) See also PERU

5025.00, 0315-0335 2.11, R Rebelde, Bauta - back on the air after 6 days break, Spanish talk, Cuban song, CWQRM in LSB, 23222 AP-DNK

5040.02, 0125-0130 1.11, INDIA, AIR Jeypore, Hindi talk and song, 25232, // 4920 (35233) AP-DNK

5040.02, 0315-0330 2.11, R Habana Cuba, Quivic·n - back on the air after 6 days break, Spanish announcement/er, Cuban songs 35233 (Anker Petersen, my latest loggings from Skovlunde, Denmark, on the AOR AR7030PLUS with 28 metres of longwire, wbradio yg via DXLD)

5025 &/or 5040 were off a lot but not completely for six days as evidenced by my logs above (Glenn Hauser, DXLD)

** CUBA [and non]. 7365, Oct 29 at 0048, R. Marti, with bEisbol game, mentions American League, Cleveland, player Tyler Naquin (sp?). Therefore I am confident that the only silly BB game that might be broadcasting now would be the North American Sequence. I figured RM would be carrying it (but nostation in English) since Rick Wald wondered if the ``World Series`` could be heard anywhere on SW. Jamming quite lite now on 7365, but heavy on // 6030. Wonder if the DentreCuban Jamming Command relented a bit for the occasion? Rick laments that at his location in BC, 6030 is blocked by Calgary comedy station CKMX via CFVP!

7365, Oct 30 at 0107, R. Marti with WS bEisbol, like last night better here and with much less jamming than on // 6030. If there are further games in the sequence, note that for B-16, 7365 is HFCC-registered at 01-02 UT only, preceded and followed by new 7435 at 23-01 and 02-07! Also 12-14. And no more 7335. Not clear why, but there is no provision in these regs for one-hour DST shifts caused by the Week of Confusion.

Strangely, but not surprisingly, I find no promotion at <http://www.martinoticias.com>

that they are broadcasting the so-called Serie Mundial! Keeping below the radar? I wonder if they really have two announcers at the games, or only working off Fox TV? Continuous crowd noise behind them could be just SFX. No full program schedule, but Martí does provide a display of current and immediately upcoming shows, which I did not check in time.

7435, Oct 30 at 1320, R. Martí, W&M conversation clear of jamming on new Greenville frequency, while jamming remains on ex-7405 and ex-9805, but the second RM frequency is really now 11930 with some lite pulse jamming altho not yet wall-of-noise. Also WON jamming on 13605 at 1331 check, which will soon be replaced, as every winter, by 13820, clear except for a JBA carrier, presumably Iran, Arabic at 0830-1430, and NOT ``Moskva`` in Russian as imaginatively registered at 0800-1600. RM 13820 span is 14-20 UT, and might also clash with Egypt in Urdu at 16-18. The incompetent DentreCuban Jamming Command is always slow to catch up to non-secret seasonal changes. But then Arnie would have to admit to consulting HFCC.

7405, Oct 30 at 2243, Radio Martí is VG with no jamming yet. Strangely enough, this frequency is B-16 registered for one hour only, 22-23. Jammers do run on it at other hours now vacated.

7365, Oct 31 at 0159, I'm checking whether this Radio Martí is really on here for only one hour? Yes, cut off amid silly ballgame at 0200 sharp, and 7435 comes up about 17 seconds later, off, and back on to stay, leaving the jamming behind on 7365.

7435, Oct 31 at 0606, R. Martí at S9+30, no jamming caught up with this yet either. 7435 hours are now 00-01, 02-07, 12-14 (Glenn Hauser, OK, DX LISTENING DIGEST) See also SOUTH AFRICA: 5980

** CUBA [and non]. 9955, Oct 29 at 0619, pulse jamming is running despite WRMI programming now nothing but BS; both weak at about equal levels (Glenn Hauser, OK, DX LISTENING DIGEST)

** CUBA [and non]. Hi Glenn, Thanks for the station info and tuning tips. I understand that this weekend is a popular pirate broadcast time. I just got Andrew Yoder's 2015-16 Pirate Radio Annual and have been enjoying it. Hoping I can find some!

Do you know of any numbers stations frequencies that i might be able to detect a broadcast on from California? Am fascinated by the history of them. Go Democrats! (-Rob Rothfarb, Oct 29, DX LISTENING DIGEST)

Rob, This may be way more info than you wanted, but This is the

primary source for number station info:
<http://www.brogers.dsl.pipex.com/enigma2000/>

Get their latest newsletter as linked from:
<http://www.brogers.dsl.pipex.com/enigma2000/docs/ENIGMA%202000%20Active%20Station%20List.pdf>

The Cubans are easy to hear, or rather not easy to avoid. They seem to operate on quite a strict but complex schedule depending on day of week. It's obvious that they share the high-power broadcasts transmitters of Radio Habana, 100 or 250 kW. On occasion, feeds are mixed up and you hear one on the other's frequencies (Glenn to Rob, via DXLD)

Also many schedules and clips here:
<http://swldxbulgaria.blogspot.com/search/label/spy-numbers>
(Glenn Hauser, DX LISTENING DIGEST)

** CUBA [non]. See OKLAHOMA [and non] Broad Spectrum Radio

** CUBA [non]. FROM THE ISLE OF MUSIC --- For the B16 season, our transmission on WBCQ moves to 0100-0200 UT Tuesdays (which means 8-9pm EST Mondays in the Americas). On Channel 292, we stay at 1900-2000 UT Tuesdays, which will now be 2000-2100 CET. Next week:

JoJazz is the most important competition for young Jazz musicians in Cuba. This week, we will dedicate our entire program to it. Our November 8 (November 7 in the Americas on WBCQ) program offers music from past JoJazz competitors and an interview with the Joaquin Betancourt, who directs and produces projects involving many of them.

NOTE OUR SCHEDULE FOR THE B-16 SEASON:

Two options for listening on shortwave:

WBCQ, 7490 KHz, Tuesdays 0100-0200 UT (8-9pm EST Mondays in Americas)
Channel 292, 6070 KHz, Tuesdays 1900-2000 UT (2000-2100 CET) (NOTE TIME CHANGE) See the NOTES section of our Facebook page for more information

<https://www.facebook.com/fromtheisleofmusic/>
(Bill Tilford, Nov 2, DX LISTENING DIGEST)

** EAST TURKISTAN. 5959.93, 2307-2315 27.10, CHINA, Xinjiang PBS, Urumqi, Chinese talk, 25232 // 7260 (15211) (Anker Petersen, Denmark, on my AOR AR7030PLUS with 28 metres of longwire in Skovlunde, wbradio yg via DXLD)

This correlates with the off-frequency 5960- carrier I often hear around sunrise here (Glenn Hauser, DX LISTENING DIGEST)

** ECUADOR [non]. GERMANY, Reception of HCJB Voice of The Andes via MBR Nauen, Oct 29

1530-1600 13800 NAU 100 kW / 100 deg to CeAs Russian Sat till Oct 29

1530-1600 11900 NAU 100 kW / 100 deg to CeAs Russian Sat from Nov 05

1600-1630 13800 NAU 100 kW / 100 deg to CeAs Chechen Sat till Oct 29

1600-1630 11900 NAU 100 kW / 100 deg to CeAs Chechen Sat from Nov 05

<http://swldxbulgaria.blogspot.bg/2016/10/reception-of-hcjb-voice-of-andes-via.html>
(Ivo Ivanov, QTH: Sofia, Bulgaria, dxldyg via DX LISTENING DIGEST)

** EGYPT. Observation of Radio Cairo Oct 30-31 with kW / deg:

1500-1600 9515 ABS 250 / 315 EaEu Albanian last minute change ex 9620

1600-1800 11800 ABS 150 / 185 CSAf English, till 1700 co-ch RFA Uighur

1700-1900 9975vABS 250 / 005 N/ME Turkish, 9974.7 kHz, Oct 20 9420

1800-1900 9540vABS 200 / 325 WeEu Italian, 9540.3 kHz

1900-2000 9420*ABS 250 / 005 EaEu Russian, as scheduled

1900-2000 9570 ABS 200 / 325 WeEu German, last minute change, ex 9590

2000-2115 9900 ABS 200 / 325 WeEu French

2115-2245 9900 ABS 200 / 325 WeEu English

2300-0030 9965 ABS 250 / 325 ENAm English, cancelled acc. HFCC Oct 31

0030-0430 9965 ABS 250 / 325 ENAm Arabic, cancelled acc. HFCC Oct 31

* big problem with Voice of Greece on Oct 31, see GREECE

<http://swldxbulgaria.blogspot.bg/2016/11/observation-of-radio-cairo-on-oct30-31.html>

(Ivo Ivanov, QTH: Sofia, Bulgaria, dxldyg via DX LISTENING DIGEST)

What's become of Radio Cairo??? Nov 1 at 0124, no signal on 9965v; Nov 1 at 0138, no signal on 9315, which in A-16 were both for North America, partly in English, but 9315 ruined by motorboating.

<http://www.hfcc.org/data/schedbybrc.php?seas=B16&broadc=ERU>

HFCC B-16 shows no more broadcasts to North America at all! So they have given up on us. And only this remains for Latin America:

12005: 2215-0045 Portuguese & Arabic, 0045-0200 Spanish, 241 degrees, 250 kW from Abis.

The only remaining English broadcasts, which need to be confirmed before believed, and the modulation evaluated, are:

1600-1800, 11800, 185 degrees, 150 kW from Abis [Ivo confirms here]

1600-1800, 15345, 196 degrees, 150 kW from Abis (surely not both)

1900-2030, 15290, 250 degrees, 100 kW from AbuZaabal

2115-2245, 9800, 325 degrees, 200 kW from Abis to Europe (and ~NA)

2115-2245, 9900, identical parameters (surely only one or the other -

-- later: 9900 since Brother Scare is on 9800) (Glenn Hauser, OK,

WORLD OF RADIO 1850, DX LISTENING DIGEST)

** EQUATORIAL GUINEA. 5005.001, RNE Bata weak S=4-5 signal during

grayline path northwards to southern Germany, 0535-0543 UT on Oct 28. As every day some co-channel ute RTTY signal on 5006.040 kHz, with two peaks signals on 5005.880 and 5006.080 kHz, +/-20 Hz [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang B, schel, Morning log 0445-0640 UT on Oct 28, Logged in southern Germany, wwdxc BC-DX TopNews, dxldyg via DX LISTENING DIGEST)

** ERITREA. Hi, at the moment Eritrea (Asmara) on 845 kHz (ex 837 kHz) with local music // 7185 kHz, weak signal. Good luck (Franck Baste (France), 1823 UT Oct 31, BDXC-UK yg via WORLD OF RADIO 1850, DXLD)

Yes, WRTH 2016 had it on 837. But 845 is an off-channel, should be 846, so variation, or what? Is it on exactly 845.00? (gh, WORLD OF RADIO 1850, DXLD)

Hi Glenn, yes it's 845.00 kHz. 73 (Franck Baste, F4LKC, dxldyg via WORLD OF RADIO 1850, DX LISTENING DIGEST) see UNIDENTIFIED 845

7146.56, V. of the Broad Masses of Eritrea. Unbelievably coming in at 1745 with W speaking, 4 and half hours before local sunset. Had to tune USB to avoid the hams below. Fairly decent level at 1751 with HOA music. M announcer and more HoA music with better signal after 1811. W2ABQ tremendously strong calling CQ and causing severe QRM.

7185, V. of the Broad Masses of Eritrea. 1748 talk by W but not parallel to 7146.45. Clear of hams at 1754 when went into HoA music starting with yelling. 1813 ham was blowing in his mic and asking if frequency was in use. 73 (Dave Valko, Dunlo, PA, USA, 26 October 2016 Micro-DXpedition: RX: Perseus SDR, ANT: 313i Beverage (BOG) aimed at 60 . Solar Indices: Solar Flux = 78, A Index = 48, K Index = 5, G2 level storms. A7 X-Ray flux, Hard-Core-DX mailing list via WORLD OF RADIO 1850, DXLD)

[and non]

Reception of Voice of Broad Masses of Eritrea VOBME 1/2 on Oct 27
1400&1500 7146.6 ASM 100 kW / non-dir EaAf Amharic VOBME 1, very weak
1400&1500 7185.0 ASM 100 kW / non-dir EaAf Amharic VOBME 2, weak/fair
From 1502 UT both frequencies jammed with strong white noise digital jamming
http://swldxbulgaria.blogspot.bg/2016/10/reception-of-voice-of-broad-masses-of_27.html
(Ivo Ivanov, QTH: Sofia, Bulgaria, dxldyg via DX LISTENING DIGEST)

7146.556, VOBME, Asmara, at 1835 UT on Oct 27, S=8-9 signal strength, much Ham Radio QRM adjacent channels. No white noise JAMMING from Gedja Jawe site in Ethiopia at this time slot. wb df5sx
(Wolfgang B, schel, dxldyg via DX LISTENING DIGEST)

7147, Varied s/on, but mainly at *0257-Ö.-1832*, another program on vary7185 usually *0300-Ö.-1829*, both in vernacular, jammed from Ethiopia only for some of the languages used (Rumen Pankov, Sofia, Bulgaria (Sony ICF2001D, Folded Marconi ant (own made), November Australian DX News via DXLD) No datespan given (gh)

[same] Could distinguish talks 1507, but heavily jammed. A bit of a window before that though, just after 1500 before the jammer came on, 28/10 (Craig Seager, VK2HBT, Bathurst NSW (Perseus SDR, Preamp, Wellbrook feeder isolator, Icom IC-746, Loop Skywire, Loop with LZ2AQ amplifier), Nov Australian DX News via DXLD)

ERITREA/ETHIOPIA, Both VOBME outlets from Asmara Eritrea were subject of digital white noise jamming at tuned-in 0448 to 0510 UT on Oct 28.

Heavy white noise JAMMING from Gedja Jawe site in Ethiopia at this time slot, 14 kHz visible on 7146.556 kHz, and 16 kHz visible/propagate towards Europe on 7184.989 kHz.

Both Asmara program outlets were different, more HoA music played on 7146v kHz, more spoken and news heard on 7185v kHz.

7146.556 kHz S=9+10dB signal strength.
7184.989 kHz S=9+10dB signal strength,

and another signal of equal S=9+5dB level produced on adjacent 7185.033 kHz in 04-05 UT slot, some 44 Hertz BUZZ tone interference - hit each other - till 0502 UT, then disappeared the latter program outlet. [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang B, schel, Morning log 0445-0640 UT on Oct 28, Logged in southern Germany, wwdxc BC-DX TopNews, dxldyg via WORLD OF RADIO 1850, DX LISTENING DIGEST)

** ERITREA [non]. 7236.5, Voice of Peace & Democracy of Eritrea, Addis Ababa. Vernacular on 19/10 at 0400 w s/on followed by drifting of frequency and at 0437 (s/off) was on 7237.7. On 3/10 confirmed under Iran (7235) at *1800-1837* drifting from 7236.0 to 7237.4 respectively (Rumen Pankov, Sofia, Bulgaria (Sony ICF2001D, Folded Marconi ant (own made), November Australian DX News via DXLD)

** ERITREA [non]. BULGARIA, 11964.997, Frequency change of Dimtse Radio Erena via SOF Sofia Kostinbrod.

1700-1730 NF 11965 SOF 50 kW 195 deg to EaAf Afar Oromo Dly, ex 11885
1730-1800 NF 11965 SOF 50 kW 195 deg to EaAf Arabic Mon-Sat, ex 11885
1730-1800 NF 11965 SOF 50 kW 195 deg to EaAf Afar Oromo Sun, ex 11885
(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Oct 25) (BCDX 1 November via DXLD)

SECRETLAND, B-16 BaBcoCk Dimtse Radio Erena via SPL Secrethbrod Oct 30:
1700-1730 11965 SCB 050 kW / 195 deg EaAf Afar Oromo Dly ex 11845 B-15
1730-1800 11965 SCB 050 kW / 195 deg EaAf Arabic Mon-Sat ex 11845 B-15
1730-1800 11965 SCB 050 kW / 195 deg EaAf Afar Oromo Sun ex 11845 B-15
<http://swldxbulgaria.blogspot.bg/2016/11/b-16-babcock-dimtse-radio-eren-a-via-spl.html>
(Ivo Ivanov, QTH: Sofia, Bulgaria, dxldyg via DX LISTENING DIGEST)

11964.997, QSL via NURTS Bulgaria or instead contact at Spaceline Ltd.
CEO Dimitar Todorov <lz1ax -at- mail.bg>
who leases the transmitter facility from NURTS.
<Goran.Raynovski -at- nurts.bg>
Account Manager in the Sales Department at NURTS Bulgaria.

Dimtse Radio Erena jetzt auf 11965 kHz. Hoert sich aber nach 2(!)
Programmen gemixt an, d.h. das Sofia Kostinbrod Signal 'Dimtse Radio
Erena' wird aus Asmara Eritrea mit einem Eigenprogramm gestoert?

Dimtse Radio Erena ex11885 kHz, now real on 11965 kHz, rather measured
11964.997 kHz, 17-18 UT, undoubtedly HoA music played, at least 1730-
1800 UT slot. But underneath another program, I guess at 100%, a 2nd
program direct from Asmara Eritrea, to jam the Sofia Kostinbrod
opposite movement outlet. FMO brokered via Babcock WRN BAB, veiled
entries.

...and also in B-16 season
11965 kHz 1700-1800 48,52NE,53NW SOF 100kW 156deg 0 618
1234567 301016-260317 Tir BUL VTC BAB

ex11885 kHz to avoid XJBS Urumqi Tibet, western China. Only remain on
frequency 11885 kHz: Uighur from Urumchi, same \\ program noted strong
on 6120, 7205 kHz at 1720 UT on Oct 28 (wb df5sx, wwdxc BC-DX TopNews
Oct 28) (BCDX 1 November via DXLD)

** ERITREA [non]. GERMANY, Strong signal of Radio Adal via MBR
Issoudun on Oct 29
1500-1530 on 15205 ISS 100 kW / 125 deg to EaAf Arabic Wed/Sat
1530-1600 on 15205*ISS 100 kW / 125 deg to EaAf Tigrinya Wed/Sat
*co-ch BSKSA 15205 RIY 500 kW / 320 deg to WeEu Holy Quran at 1550UT
<http://swldxbulgaria.blogspot.bg/2016/10/germanynon-strong-signal-of-radio-adal.html>
(Ivo Ivanov, QTH: Sofia, Bulgaria, dxldyg via DX LISTENING DIGEST)

** ERITREA [non]. No signal of Radio Al-Mukhtar via MBR Issoudun Nov 1
1500-1530 on 17580 ISS 100 kW / 125 deg to EaAf Arabic Tue
1530-1558 on 17580 ISS 100 kW / 125 deg to EaAf Tigrinya Tue
And please also check Radio Adal via MBR Issoudun on Nov 2

1500-1531 on 17580 ISS 100 kW / 125 deg to EaAf Arabic Wed/Sat
1531-1558 on 17580 ISS 100 kW / 125 deg to EaAf Tigrinya Wed/Sat
<http://swldxbulgaria.blogspot.bg/2016/11/no-signal-from-radio-al-mukhtar-via-mbr.html>
(Ivo Ivanov, QTH: Sofia, Bulgaria, dxldyg via DX LISTENING DIGEST)

** ETHIOPIA. 5950, V. of the Tigray Revolution. Fairly good signal with HoA music at 1951. The signal wasn't varying but the audio was. 1954 M in assumed Tigrinya followed by flute and M vocal to start the next song, then it really kicked it. KBS World (Issoudun) OC came on at 1958:51, then W announcer underneath until KBS World started their program at 2000:11 (Dave Valko, Dunlo PA, 25 October 2016 Micro-DXpedition: RX: Perseus SDR, ANT: 313i Beverage (BOG) aimed at 60 . Solar Indices: Solar Flux = 78, A Index = 60!! K Index = 5, G3 level storms!! A7 X-Ray flux, HCDX via WORLD OF RADIO 1850, DXLD)

5950, V. of the Tigray Revolution. A signal showing up here by 1757, along with 6110, but no 6090 or 6030. 1806 definite heavy drum beat. A little more audio at 1832 with talk by M. HoA music at 1847. Very slowly getting better, but big improvement after 1950. 1959 apparent closing announcement by M under KBS OC. Video of reception can be found at

<https://youtu.be/U-ur3vYm6Eg>

73 (Dave Valko, Dunlo, PA, USA, 26 October 2016 Micro-DXpedition: RX: Perseus SDR, ANT: 313i Beverage (BOG) aimed at 60 . Solar Indices: Solar Flux = 78, A Index = 48, K Index = 5, G2 level storms. A7 X-Ray flux, Hard-Core-DX mailing list via WORLD OF RADIO 1850, DXLD)

** ETHIOPIA. 6030, R. Oromiya. Incredible level. 1949 HoA music and really nice smooth audio. Girl announcer in presumed Oromo at 1952 recheck, and into more HoA music, and another song at 1957, stopped, and another song started and short voice-over closing announcement by M and then choral anthem and signal off at 2000:03. Video of the reception can be found at

<https://youtu.be/MJVYiBYDL80>

(Dave Valko, Dunlo PA, 25 October 2016 Micro-DXpedition: RX: Perseus SDR, ANT: 313i Beverage (BOG) aimed at 60 . Solar Indices: Solar Flux = 78, A Index = 60!! K Index = 5, G3 level storms!! A7 X-Ray flux, HCDX via WORLD OF RADIO 1850, DXLD)

6030, R. Oromiya. Signal suddenly came on at 1934:15, and the audio came up with HoA music at 1935:45. Signal improved quite a bit in just 25 minutes. 1958 M announcer in apparent Oromo but didn't hear any mention of Oromiya. Usual anthem to 1959-2000, long deadair, and signal gone at 2004:54. 73 (Dave Valko, Dunlo, PA, USA, 26 October 2016 Micro-DXpedition: RX: Perseus SDR, ANT: 313i Beverage (BOG) aimed at 60 . Solar Indices: Solar Flux = 78, A Index = 48, K Index = 5, G2 level storms. A7 X-Ray flux, Hard-Core-DX mailing list via WORLD OF

RADIO 1850, DXLD)

** ETHIOPIA. 6090, Amhara R. Massive strength!! Having audio trouble. Was a bit distorted and it was going off and on 2019-2021. Nice HoA music already at 1947 tune-in. 1958 M and W alternating with great flute music, then more HoA music over ToH. Studio M announcer in distorted audio at 2024-2027. More somber song at 2044 recheck. Music right to 2059 usual ID announcement bracketed by the ethereal vibraphone melody, choral anthem ending at 2100:58, and OC to at least 2102. By far the best ever heard. Check out the video of the reception at

https://youtu.be/4GeupJbBX_k

(Dave Valko, Dunlo PA, 25 October 2016 Micro-DXpedition: RX: Perseus SDR, ANT: 313i Beverage (BOG) aimed at 60 . Solar Indices: Solar Flux = 78, A Index = 60!! K Index = 5, G3 level storms!! A7 X-Ray flux, HCDX via WORLD OF RADIO 1850, DXLD)

6090, Amhara R. Looked like the signal came on at 1934:45. Interesting that this and R. Oromiya came on at about the same time. Equal with CRI at this time. Started out about 3 or 4 Hz below CRI. M announcer when the audio came on at 1935:00. HoA music at 1937. Took phone caller at 1954. ID for CRI at 1956, then instrumental Chinese music on CRI and HoA music on Amhara. In the clear with HoA music when CRI went off at 1957. Another phone conversation at 2001. A minuscule signal compared to yesterday. Good at 2020 check with HoA music. Phone call again at 2050. 2058 live M announcer, very brief music, then usual ID announcement with vibraphone, choral anthem and off 2100. Wonder why the dramatic change in signal level from yesterday. 73 (Dave Valko, Dunlo, PA, USA, 26 October 2016 Micro-DXpedition: RX: Perseus SDR, ANT: 313i Beverage (BOG) aimed at 60 . Solar Indices: Solar Flux = 78, A Index = 48, K Index = 5, G2 level storms. A7 X-Ray flux, Hard-Core-DX mailing list via WORLD OF RADIO 1850, DXLD)

** ETHIOPIA [and non]. 7135-7155, Oct 27 at 0319, wideband DRM noise jamming against VOBME, but cannot detect its carrier anywhere around 7145. Narrower DRM noise jamming 7180-7190, with JBA VOBME carrier detectable at 7185 (Glenn Hauser, OK, DX LISTENING DIGEST)

** ETHIOPIA [non]. BELGIUM(non), Another new clandestine program via Alyx&Yeyi - Voice of Amhara Radio
1700-1800 15360 ISS 250 kW / 130 deg Amharic Mon/Wed/Sat, poor Oct 31:
<http://swldxbulgaria.blogspot.bg/2016/10/another-new-clandestine-program-via.html>
(Ivo Ivanov, QTH: Sofia, Bulgaria, dxldyg via WORLD OF RADIO 1850, DXLD)

** ETHIOPIA [non]. I am now hearing (from 1701 UT) on 17870 kHz unID station broadcasting in what is sounding like an African language (but I could be wrong). The signal here in Italy is quite strong. I suspect

this could be a new clandestine station via TDF Issoudun. This frequency is in fact used on Mondays and Fridays, at 1600-1630, by Radio Xoriyo. Anyone has any idea on which station is that? (Antonello Napolitano, Oct 27 [Thu], dxldyg via DX LISTENING DIGEST)

See on this case the xls database file of Aoki Nagoya Japan:

17870 kHz Radio Xoriyo Ogaden 1600-1630UT .2...6.Mon/Thur, Somali language, 500 kW, 130deg, TDF Issoudun France, OGM organization, FMO frequency management and brokery organization: BRB Broadcast Belgium by Ludo Maes <ludo.maes -at- broadcast.be> (Wolfgang B,schel, ibid.)

** ETHIOPIA [non]. FRANCE, Reception of Radio Xoriyo Ogaden via TDF Issoudun Oct 31
1600-1630 on 17870 ISS 500 kW / 130 deg to EaAf Somali Mon/Fri
<http://swldxbulgaria.blogspot.bg/2016/11/reception-of-radio-xoriyo-ogaden-via.html>
(Ivo Ivanov, QTH: Sofia, Bulgaria, dxldyg via DX LISTENING DIGEST)

** ETHIOPIA [non]. BELGIUM (non), New clandestine Radio Sagalee Qeerroo Bilisummaa, videos Oct 27:
<http://swldxbulgaria.blogspot.bg/2016/10/new-clandestine-broadcast-sagalee.html>
(Ivo Ivanov, QTH: Sofia, Bulgaria, dxldyg via DX LISTENING DIGEST)

** ETHIOPIA [non]. FRANCE, very good signal of Oromo Voice Radio via TDF Issoudun on Oct 29
1600-1630 17850 ISS 250 kW / 130 deg EAf Afar Oromo Wed/Sat no jamming
<http://swldxbulgaria.blogspot.bg/2016/10/very-good-signal-of-oromo-voice-radio.html>

FRANCE, Reception of Oromo Voice Radio via TDF Issoudun Oct 31
1600-1615 17850 ISS 250 kW / 130 deg EAf Afar Oromo Mon
1615-1630 17850 ISS 250 kW / 130 deg EAf English Mon
<http://swldxbulgaria.blogspot.bg/2016/11/reception-of-oromo-voice-radio-via-tdf.html>
(Ivo Ivanov, QTH: Sofia, Bulgaria, dxldyg via DX LISTENING DIGEST)

** ETHIOPIA [non]. Winter B-16 schedule of Voice of Oromo Liberation via MBR Nauen will be
1700-1730 on 15170 NAU 100 kW / 139 deg to EaAf Afar Oromo Wed/Fri/Sun
1730-1800 on 15170 NAU 100 kW / 139 deg to EaAf Amharic Wed
http://swldxbulgaria.blogspot.bg/2016/10/poor-signal-of-voice-of-oromo_26.html
(DX RE MIX NEWS #976 from Georgi Bancov and Ivo Ivanov, November 1, 2016 via DXLD)

GERMANY, Voice of Oromo Liberation via MBR Issoudun Oct 30
1700-1730 on 15170 NAU 100 kW / 139 deg to EaAf Afar Oromo Wed/Fri/Sun
1730-1800 on 15170 NAU 100 kW / 139 deg to EaAf Amharic Wed
<http://swldxbulgaria.blogspot.bg/2016/11/voice-of-oromo-liberation-via-mbr.html>

(Ivo Ivanov, QTH: Sofia, Bulgaria, dxldyg via DX LISTENING DIGEST)

** ETHIOPIA [non]. FRANCE, Radio Front for Independence of Oromo via
TDF Issoudun Oct 30
1730-1800 17765 ISS 150 kW / 125 deg EaAf Oromo Sun via RMI broker:
<http://swldxbulgaria.blogspot.bg/2016/11/radio-front-for-independence-of-oromo.html>

(Ivo Ivanov, QTH: Sofia, Bulgaria, dxldyg via DX LISTENING DIGEST)

** EUROPE. 6205.08, Getting a signal here at 2114, no doubt Coast FM.
Not strong enough for audio though. 73 (Dave Valko, Dunlo, PA, USA, 26
October 2016 Micro-DXpedition: RX: Perseus SDR, ANT: 313i Beverage
(BOG) aimed at 60 . Solar Indices: Solar Flux = 78, A Index = 48, K
Index = 5, G2 level storms. A7 X-Ray flux, Hard-Core-DX mailing list
via DXLD)

** GERMANY [and non]. [Continued from SAUDI ARABIA [and non]].

In fact nothing remains on 594 kHz in the whole of Europe now. For
casual radios it was so far also at night just an empty channel that
used to spring to life at 0300, when Daba switched back from 1521 kHz.
Maybe they're now here throughout the night?

And on 1521 kHz besides the mentioned, and heard last evening, 5 kW of
the SER chain in Spain only low power (below 100 watts) operations
somewhere in the UK remain in Europe.

While we're mentioned 594 kHz ---
here is the Hoher Meifner site featured on TV 30 years ago:
https://www.youtube.com/watch?v=gFua_-8JjzE

At 4:04 it shows photos from 1983 when one of the mediumwave
transmitters there was destroyed by fire, an incident probably not
noticed abroad back then. They say that only the firefighters could
save the second transmitter, thus prevent a complete loss of the MW
equipment. After the fire a new MW transmitter building, shown inside
at 4:49, had been built. Looks like 100 kW Telefunken transmitters,
and indeed they specify in this TV piece the output as 200 kW.

Earlier discussed in this is the circumstance that back then all UHF
TV transmitters had to be operated by the postal office for legal
reasons. This resulted at sites like Hoher Meifner, where the postal
office had not built completely own facilities, in ridiculous, almost
impossible to explain lease-and-lease-back constellations (Kai Ludwig,
Oct 29, dxldyg via DX LISTENING DIGEST)

** GERMANY. AFN Bavaria closes mediumwave 1107 kHz from today 10 a.m.
local time --- a bit more detailed: "AFN Bavaria discontinues the AM

broadcast on 1107 kHz Friday, Oct. 28 at approximately 10 a.m. You can still listen to AFN Bavaria in Grafenwoehr and Vilseck at FM frequencies 98.5 or 107.7. Tune in to AFN 360 anywhere, anytime. Visit <http://www.afneurope.net/AFN-360> "
<http://www.bavaria.army.mil/calendar/facilities.html> vy 73 Harald

Gesendet: Freitag, 28. Oktober 2016 um 14:07 Uhr > Von: "'Harald Kuhl' hkd@mx.AFN Bavaria closes mediumwave 1107 kHz from today > > "AFN Bavaria discontinues the AM broadcast on 1107 KHz today. You can still listen to FM radio and AFN 360.
<http://www.bavaria.army.mil/calendar/facilities.html>" > > source:
<http://www.bavaria.army.mil/> > > vy 73 > Harald >
Posted by: ("Harald Kuhl", Oct 28, BDXC-UK yg via DXLD)

Still heard at 1500 UT, 73 (Max van Arnhem, The Netherlands, Oct 28, MWCircle yg via DXLD)

It is still on, now at 8:30 p.m. local time (Oct 28, 1830 UT). (Karel Honzik, ibid.)

Re [BDXC-UK] AFN Bavaria closes mediumwave 1107 kHz from today 10 a.m. local time. Karel, ahoi, I guess this item by Harald Kuhl-D DL1ABJ, BrDXC-UK ng Oct 28 IS WRONG - not closure. Maybe only an hour long maintenance break happened?

'discontinues' is different than 'closes' (for ever) ???

<<http://www.calendarwiz.com/calendars/popup.php?op=view&id=105511613&crd=usagbavaria&PHPSESSID=10d2d8630dacce84c332ba88a5e49f5f>>

<[http://www.calendarwiz.com/calendars/calendar.php?crd=usagbavaria&cid\[\]=159302&PHPSESSID=10d2d8630dacce84c332ba88a5e49f5f&jsenabled=1&winh=996&winw=1676&inifr=true#](http://www.calendarwiz.com/calendars/calendar.php?crd=usagbavaria&cid[]=159302&PHPSESSID=10d2d8630dacce84c332ba88a5e49f5f&jsenabled=1&winh=996&winw=1676&inifr=true#)>

Der Sender MW 1107 kHz auf dem Ami Camp in Ostbayern bleibt uns weiterhin erhalten ?

> It is still on, now at 8:30 p.m. local time. (Oct 8, 1830 UT).
(Karel Honzik-CZE, Oct 28, BCDX 1 November via DXLD)

Karel, Harald hatte diese Meldung im British DXC-UK gebracht, - er muss man den Text nur als Eintags-Fliege deuten?

AFN in Ostbayern um 01.00 Ortszeit Oct 29 noch immer auf Sendung, "Airforce Radio" News about aircraft tyres fire accident Chicago-Miami flight.

Ich hoere AFN 1107 kHz via DARC Amberg remote Perseus unter

82.135.26.213:8016

....Immerhin haben wir ja noch Saarlouis auf LW 183 kHz
als allerletzten AM BC Tx in DL ;-)

Weiterhin unregelmässig sind die Aussendungen vom Funkerberg Museum
in Koenigswusterhausen bei besonderen Anlässen zu hören.
Welle_370, 810 kHz 9 watt.

<<http://museum.funkerberg.de/>>
(wb df5sx, wwdxc BC-DX TopNews Oct 29) (BCDX 1 November via DXLD)

** GERMANY. After some test transmissions R MiAmigo will have its own
licence for 6085 and begin with regular transmissions October 30,
0800-1700 UT. The transmitter was before used for 9560 via Kall/Eifel,
same power and modulation as 6005. (we) (Walter Eibl, Oct WWDXC DX
Magazine via WORLD OF RADIO 1850, DXLD) 1 kW or 20 kW?? (gh, DXLD)

** GERMANY [and non]. Hi All, Radio Mi Amigo will have a new frequency
on 6 MHz starting tomorrow, which will be provided by the Shortwave
Service in Germany, details are below. Alan.

``Europe's fastest growing AM Radio Station is now ---
YOUR ALL DAY MUSIC STATION!

From Sunday, October 30: every day on 6085 kHz: our new -all day-
frequency! 6085 kHz - Every day! Great news: This Sunday, 9:00 hrs
[CET] we will start using our own dedicated Shortwave frequency of
6085 kHz and extend our daily broadcasts from 9 in the morning until 6
o'clock in the evening.

Not only will listeners be able to enjoy our great selection of music
from the Golden Era of Offshore AM Free radio every day, on
Shortwave in the 49-meter band, but: on Saturdays and Sundays our
international DJs will present shows live - all day!

And don't forget, they have a special 100 kW broadcast from Armenia
this evening at 1800 to 2000 UT:

Special celebration broadcast this Saturday: COME CELEBRATE WITH US!
Saturday, October 29: Special 100 kW broadcast on 6120 kHz!

Coming Saturday night, October 29, from 20:00 - 22:00 hrs [CET], we
present a special powerful shortwave broadcast originating from our
100 kilowatt (!) relay station in Armenia, on 6120 kHz``

Posted by: (Alan Gale, Oct 29, dxldyg via WORLD OF RADIO 1850, DX
LISTENING DIGEST)

Radio Mi Amigo via Kall-Krekel 6085 kHz. Radio Mi Amigo newsletter:

"Europe's fastest growing AM Radio Station is now
YOUR ALL DAY MUSIC STATION!

- 6085 kHz: Our new -all day- frequency!
- Special celebration broadcast this Saturday
- Your All Day Music Station on Shortwave!
- Extended weekend live shows from 9 - 18:00

Starting Sunday, October 30: every day on 6085 kHz!
Great news: This Sunday, 9:00 hrs [CET] we will start using our own
dedicated Shortwave frequency
of 6085 kHz and extend our daily broadcasts from 9 in the morning
until 6 o'clock in the evening.

Not only will listeners be able to enjoy our great non-stop music from
the Golden Era of Offshore AM Free radio
in the SW 49-meter band, but on Saturdays and Sundays our
international DJs will present live shows - all day..!

Our daily live programme 'Hello Europe' can be heard weekdays: at
14:00 hrs and will be repeated later at 19:00 hrs in the 75 m band on
3985 kHz. (all times CET)*

The new dedicated shortwave transmitter on 6085 kHz is a big step
forward, but our growth will not stop there.
We expect to bring you more exciting news about further AM expansion
in the Northern European regions soon.

SHORTWAVE BROADCAST SCHEDULE - winter 2016

All times: Central European Time. (UK time = CET -1 hr.)*

Every day: 09:00 hrs -18:00 hrs: Shortwave 6085 kHz - 49m band:
All the great music made- and played during the 'Golden Era of
Offshore AM -Free- Radio! Including our daily live shows: 'Hello
Europe!.

Weekdays at 14:00 hrs 6085 kHz. Repeated at 19:00 hrs: 3985 kHz

Hello Europe! - daily presented live programmes:

- i Mondays: Bruno's Soulbox - Bruno Hantson (English)
- i Tuesdays: Hello Europe! - Johnny Lewis (English)
- i Wednesdays: Hello Europe! - Cpt. Kord (German)
- i Thursdays: Hello Europe! - Lion Keezer (English)
- i Fridays: The weekend starts here - Paul Graham (English)

SATURDAYS Live:

Shortwave 49m band 6085 kHz

[between 12:00 and 16:00 hrs: extra relay on 7310 kHz - 41m band]

09.00 - Good Morning Europe! - Cpt. Kord (German/English)
10.00 - Free Waves - Keith Lewis (English)
11.00 - Rockin' Ron's Time machine - Ron O'Quinn (English)
12.00 - Soundtrack of the 60's - Paul Graham (English)
13.00 - Johnny's Offshore Radio Diary - Johnny Lewis (English)
14.00 - Manneke Pop - Peter van Dam (Dutch/English)
15.00 - Hello to the World - Lion Keezer (Dutch)
16.00 - Lost and Found - Jeffrey Willems (Dutch)
17.00 - All Time Soul Top 500 - Bruno Hantson (English)
18.00 - Closedown Shortwave 6085 kHz

SUNDAYS - Live:

Shortwave 49m band 6085 kHz

[between 12:00 and 16:00 hrs: extra relay on 7310 kHz - 41m band]

09.00 - Free Waves - Keith Lewis (English)
10.00 - Hello to the World - Lion Keezer (Dutch)
11.00 - Lost and Found - Jeffrey Willems (Dutch)
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14.00 - Rockin' Ron's Time machine - Ron O'Quinn (English)
15.00 - Soundtrack of the 60's - Paul Graham (English)
16.00 - Johnny's Offshore Radio Diary - Johnny Lewis (English)
17.00 - All Time Soul Top 500 - Bruno Hantson (English)
18.00 - Closedown Shortwave 6085 kHz

*Central Europe Time Zone = Austria, Belgium, Czech Republic,
Denmark, France, Germany, Holland (The Netherlands), Hungary, Italy,
Luxembourg, Malta, Norway, Poland, Slovakia, Spain, Sweden,
Switzerland. (UK = CET minus 1hr)

CELEBRATE WITH US!

Saturday: special 100 kW broadcast on 6120 kHz

Coming Saturday night, October 29, from 20:00 - 22:00 hrs [CET], we
will have a special powerful shortwave broadcast originating from our
100 kilowatt (!) relay station in Armenia, on 6120 kHz.

In this special live event show we will introduce and celebrate our
new frequency of 6085 kHz and our new winter programme schedule.
Hosted by Lion Keezer in Amsterdam, he and 5 other Mi Amigo DJ's will
contribute live from their studio's in the UK, Belgium, Holland and
Spain to tell you all about their shows and our new programmes and
frequencies that will officially start the next morning, Sunday 30
October.

We expect this broadcast to be received not only in Europe but also in
large parts of the world and we look forward to your reception
reports. As always, we'll reward you with our new printed QSL card and

Mi Amigo carstickers. More of these special 100 kilowatt SW broadcasts are planned for November 27 and December 25. Stay tuned..." (via Manuel MÈndez, Spain, Oct 30, dxldyg via WORLD OF RADIO 1850, DXLD)

** GERMANY. Relevanz: KBC / Nauen / 6095 kHz

Notice/Notiz in DigiDX #33:

http://www.rhci-online.net/radiogram/VoA_Radiogram_2016-10-22.htm#Nauen

MightyKBC 6095kHz to Europe schedule

MightyKBC has announced 3 extra broadcasts to Europe on 6095 over the coming months. The schedule is:

October 30 6095 kHz 1200-1300 UT
November 27 6095 kHz 1200-1300 UT
December 25 6095 kHz 0900-1600 UT

=====> "+ MFSK32"

<http://voaradiogram.net/>

"....KBC will also transmit to Europe Sunday, 30 October, at 1200-1300 UTC, on 6095 kHz. A minute of MFSK32 will be at about 1230 UTC.

Reports to Eric: themightykbc (at) gmail.com..."

(roger, OCT 28, dxldyg via DX LISTENING DIGEST)

** GERMANY. 6190, Oct 29 at 0620, NO signal from Hamburger Lokalradio, or anything. Tho at 1 kW certainly intended only for Europe, I've long been desirous of picking up this longtime WORLD OF RADIO affiliate directly. WOR coming up at 0630 after Switzerland in Sound. Today was my best chance propagationally before the time shift next week to one hour later, WOR at 0730. In B-16, co-channel QRM will also resume from BBC via South Africa until 0800, which we hope will have faded out in Europe by 0730.

7265, Oct 29 at 1414, via UTwente SDR, NO signal from HLR other frequency either, so suspected not on, during Media Network Plus, nor at further chex before 1500 for WORLD OF RADIO at 1431 (which from next week will be at 1531, and once again colliding with CRI English via Kashgar, East Turkistan at 1400-1600, 174 degrees for S Asia, but in winter also a blocker for HLR in Europe.) Now there is ACI from 7270 and also something on 7260 (Glenn Hauser, OK, DX LISTENING DIGEST) But it was audible in UK: See USA [and non]

Reception of Hamburger Lokalradio on 6190 kHz CUSB Oct 29:

Switzerland In Sound

0600-0630 6190 G0H 001 kW / 230 deg to CeEu English Sat till Oct 29

World of Radio##1849

0630-0700 6190 G0H 001 kW / 230 deg to CeEu English Sat till Oct 29

Hamburger Lokalradio

0700-1000 6190 GOH 001 kW / 230 deg to CeEu German Sat till Oct 29

Switzerland In Sound

0700-0730 6190 GOH 001 kW / 230 deg to CeEu English Sat from Nov 05

World of Radio##1850

0730-0800 6190 GOH 001 kW / 230 deg to CeEu English Sat from Nov 05

Hamburger Lokalradio

0800-1100 6190 GOH 001 kW / 230 deg to CeEu German Sat from Nov 05

<http://swldxbulgaria.blogspot.bg/2016/10/reception-of-hamburger-lokalradio-on.html>
(Ivo Ivanov, QTH: Sofia, Bulgaria, dxldyg via DX LISTENING DIGEST)

** GERMANY [non]. B-16 schedule of Deutsche Welle English:

1600-1700 on 9820 MEY 250 kW / 007 deg to EaAf English

1600-1700 on 15290 ISS 500 kW / 140 deg to EaAf English

1600-1700 on 15315 ISS 500 kW / 172 deg to WeAf English

1600-1700 on 17690 ISS 500 kW / 172 deg to WeAf English

1600-1700 on 17710 DHA 250 kW / 215 deg to EaAf English

Morning transmissions 0400-0500 & 0500-0600 are cancelled

Winter B16 schedule of Deutsche Welle Football Bundesliga:

1425-1630 on 15390 ISS 500 kW / 170 deg to WeAf Hausa Sat*

1425-1630 on 17570 ISS 500 kW / 165 deg to WeAf Hausa Sat*

*Nov 5, 2016; Nov 19-Dec 17, 2016 & Jan 21-March 18, 2017.

<http://swldxbulgaria.blogspot.bg/2016/10/winter-b-16-schedule-of-deutsche-welle.html>

(DX RE MIX NEWS #976 from Georgi Bancov and Ivo Ivanov, November 1, 2016 via DXLD)

** GERMANY [non]. DW is down to one English language transmission a day by shortwave and satellite, transmitted 1600-1700 UT. On shortwave, it is using five frequencies:

9820 via Meyerton - barely audible here (can detect a voice but speech is not discernible)

15290 via Issoudun - signal reads mostly at S6, listenable

15315 via Issoudun - same as 15290

17690 via Issoudun - signal peaks at S7, but with some deep fades

17710 via Dhabayya - nothing heard

Apparently, there is now also only one transmission daily over the Internet, also at 1600. These are the direct MP3 links:

<http://www.metafilegenerator.de/DWelle/dw-radio-english/mp3/webs.m3u>

<http://dw-radio-english-mp3.akacast.akamaistream.net/7/779/135362/v1/gnl.akacast.akamaistream.net/dw-radio-english-mp3.m3u>

One can also access using the link typically titled iDW Englishî offered by various wifi-radio amalgamators such as Frontier, Pure

Connect and TuneIn.

WRN has also carried DW English three times a day, but that was during the spring/summer schedule. It is currently not possible to immediately determine if that has changed because the wrn.org web site has been inoperable for several weeks now.

(John Figliozzi, Halfmoon, NY, Eton E1XM/Alpha Delta Sloper, Como Solo wifi radio, dxldyg via WORLD OF RADIO 1850, DX LISTENING DIGEST)

I see that WRN is now owned by Babcock. Wonder if that's why they have taken their web presence down? I went looking for it last week , as well (Richard Cuff, Allentown PA, INTERNETRADIO via DXLD)

I checked all five DW English frequencies on Sunday, October 30, and the best I could do was a faint flutter on 15290 and 17690. Nothing heard on the other three. Of course the transmission time is not convenient on weekdays for us in NA. Unless reception conditions dramatically improve, it looks like DW English will be a washout for me in B-16 (Stephen Luce, Houston, Texas, dxldyg via DXLD)

?? Not convenient? Only for those with antiquated 9-5 jobs (gh, DXLD)

** GIBRALTAR. Nova Scotia Logs 30 Oct 2016 --- Happy Hallowe'en, all - as sunset occurs earlier these days I am able to get some DX'ing done around dinnertime now. The band is really quiet at this time because there is much reduced splatter from the stateside stations that are not yet in darkness. Here's a couple of nice clean signals from last night. SS in Halifax yesterday was 2104 UT and it seems to be about 5 minutes later here; I'm a little farther west.

R. Gibraltar, 1458 kHz, 30 Oct 2016 2128-2133 UT: Pop music, clear ID at BOH. Fair-Good. One of those 'it's not strong but it's clear' signals. New country, 4 W.
<https://www.dropbox.com/s/m5pjvlon5so94wp/Radio%20-%20R%20Gibraltar%201458%20kHz%2030%20oct%202016%20212930%20UTC.mp3?dl=0>

PS there was also a whack of lower powered (5/10 kW) Spaniards on the upper part of the band, but I don't report them because I have no real idea in most cases where they actually originate due to the synchro networks. I need to spend some time around 0620 and try and put a few of these in the log. Kind regards, (Michael Yule, west of Halifax NS, IRCA via DXLD)

** GOA. 11559.986, INDIA, AIR Goa Panaji, AIR Pashto sce, S=9+15dB, 0220 UT Indian subcontinent like singer, political comment on Pakistan, ID at 0220 UT (Wolfgang B,schel, Germany, log 0200-0300 UT Oct 30, dxldyg via DX LISTENING DIGEST)

** GREECE [and non]. Voice of Greece on 9420 kHz and 9935 kHz, Oct 31:
from 1930 on 9420*AVL 170 kW / 323 deg to WeEu Greek tx#3
from 1930 on 9935 AVL 100 kW / 285 deg to WeEu Greek tx#1
*1900-2000 on 9420 ABS 250 kW / 005 deg to EaEu Russian Radio Cairo
<http://swldxbulgaria.blogspot.bg/2016/11/voice-of-greece-on-9420-khz-and-9935.html>
(Ivo Ivanov, QTH: Sofia, Bulgaria, dxldyg via DX LISTENING DIGEST)

** GUAM. 11840, KTWR Philippines, via Guam. Good reception of an English religious talk before an ID as iTWR Philippines via Guam, then s/off at 1025, 1210 (Dennis Allen, Milperra NSW (Icom R75, Realistic DX160, Longwire), Nov Australian DX News via DXLD)

Philippines? Maybe some program has a studio there, but WRTH shows nothing about Philippines under GUAM KTWR Listing, referring us instead to HQ SINGAPORE for schedule of TWR Asia, via Guam (gh, DXLD)

** GUINEA [and non]. GUINEA vs. KOREA D.P.R. Radio Guinée Conakry vs. Voice of Korea on Nov.2
0730&0825 9650 CON 050 kW / non-dir to WeAf French R.Guinée Conakry
0730-1320 9650 KUJ 200 kW / 109 deg to EaAs Japanese Voice of Korea
<http://swldxbulgaria.blogspot.bg/2016/11/radio-guinee-conakry-vsvoice-of-korea.html>
(Ivo Ivanov, QTH: Sofia, Bulgaria, dxldyg via DX LISTENING DIGEST)

** HAWAII. 28492-USB, Oct 30 at 2230, KH7CW with contest contacts, from Zone 31, barely working W7E0V/mobile and trying to extract his true zone. Remember when Hawaii was only KH6? Did they run out of such calls? QRZ.com lookup shows: The Coconut Wireless Contest Club, 98-1559 Akaaka St, Aiea, Oahu, HI 96701 (Glenn Hauser, OK, DX LISTENING DIGEST)

** INDIA. AIR Mumbai SW transmitter problems --- The 100 kW SW transmitter of AIR Mumbai operating 7340 & 11935 is having some problems lately. They are operating with very low power it seems but not heard at my location. Yours sincerely, (Jose Jacob, VU2JOS, National Institute of Amateur Radio, Hyderabad, India, 1237 UT Oct 26, dx_india yg via DXLD)

AIR Mumbai heard today on 7340 after many days with Urdu Service at around 0135 UT very clearly. Shortly some abnormality observed and transmitter went off. Yours sincerely, (Jose Jacob, VU2JOS, 0158 UT Oct 27, ibid.)

** INDIA. AIR Siliguri DRM --- The D[eput]y. Director General of AIR North East has inaugurated the DRM MW 200 kW transmitter on 711 kHz at 1055 UT today (26th Oct). In his speech broadcast till 1115 UT today he said the power of analogue transmitter on 711 kHz is 194 kW while

the DRM on 720 kHz is 6 kW. Reception here since then is very good on 711 kHz. Their website announced: <http://www.airsiliguri.in>
(Alok Dasgupta, Kolkata, 1547 UT Oct 26, dx_india yg via DXLD)

** INDIA. Relay of AIR Lucknow noted on 6100 now at 4 pm IST, 1030 UT, probably via Delhi (30 Oct 16) Yours sincerely, (Jose Jacob, VU2JOS, National Institute of Amateur Radio, dx_india yg via DXLD)

** INDIA. 9690, Oct 28 at 1327, AIR with S Asian music, but not their enchanting interval signal, S4-S6. Pause about a semi-minute and 1330:10 signing on the GOS in English; clear, no QRM, but only S4-S6 and also on // 13710 at S3-S5, 1331 into news. Still nothing on onetime third frequency 11620 (Glenn Hauser, OK, DX LISTENING DIGEST)

Changes to All India Radio for B-16 period starting from 30.10.2016 --
- Home Service:

9865 (ex 9870) 0025-0440, 0900-1200, 1245-1740 Vividh Bharati

External Service:

0215-0300 Pushtu	11670(B) (ex 11560 P)
0300-0345 Dari	11670(B) (ex 11560 P)
0315-0415 Hindi	17715(B) (ex D)
0415-0430 Gujarati	17715(B) (ex D)
0430-0530 Hindi	17715(B) (ex D)
0845-0945 Indonesian	17510(B) (ex D)
1615-1715 Russian	15120(B) (ex D)

B: Bengaluru D: Delhi P: Panaji [GOA]

Yours sincerely, (Jose Jacob, VU2JOS, National Institute of Amateur Radio, Hyderabad, India, Oct 28, dx_india yg via DXLD)

9865, Oct 30 at 0111, JBA carrier, presumed AIR VBS ex-9870 as registered for B-16 at 0010-0435, 0845-1200, 1230-1740, 500 kW, 35 degrees from Bengaluru --- and finally after years and years, edging away from the collision with CHINA still on 9870. We hope for better propagation now and without CCCCCI.

[and non]. 9865, Oct 30 at 1318, AIR VBS with Indian pop music, S2-S4 but after many years, FINALLY clear of ChiCom CCI, which stays on 9870, CRI English, 13-16, 500 kW, 200 degrees from Xi'an toward India. At last, AIR frequency management is doing its job (Glenn Hauser, OK, DX LISTENING DIGEST)

Frequency changes of AIR Vividh Bharati Sce from Oct 30

0025-0435 NF 9865 BGL 500 kW / 035 deg to SoAs Hindi, ex 9870
0900-1200 NF 9865 BGL 500 kW / 035 deg to SoAs Hindi, ex 9870

1245-1740 NF 9865 BGL 500 kW / 035 deg to SoAs Hindi, ex 9870
<http://swldxbulgaria.blogspot.bg/2016/11/frequency-changes-of-air-vividh-bharati.html>
(Ivo Ivanov, QTH: Sofia, Bulgaria, dxldyg via DX LISTENING DIGEST)

AIR B-16 schedules

Hello friends, The detailed B-16 schedules of All India Radio is now available as follows valid from 1 Nov 2016:

External Services: Time Wise:

<http://qsl.net/vu2jos/es/time.htm>

External Services: Language Wise:

<http://qsl.net/vu2jos/es/Language.htm>

Complete SW schedule: Frequency Wise:

<http://qsl.net/vu2jos/sw/freq.htm>

SW Schedule : Station Wise:

<http://qsl.net/vu2jos/sw/loc.htm>

AIR B-16 printed schedules available:

Dear Listeners, Warm Greetings from AIR! Those interested in latest frequency schedule i.e. B 16, may confirm their mailing address through email. We will surely send a copy of printed frequency schedule. With Warm Regards

Sunil Bhatia, Deputy Director General
Spectrum Management & Synergy Division
Email: spectrum-manager@air.org.in
Website: <http://www.allindiaradio.gov.in>

Yours sincerely, (via Jose Jacob, VU2JOS, National Institute of Amateur Radio, Oct 31, dxld yg via DXLD)

** INDIA. I noticed AIR festival here in Germany, of easterly signals:

11670, AIR Pashto / Dari sce from Bangalore 500 kW powerhouse 0215-0345 UT, (ex 11560 Goa Panaji sce), S=8-9 in Germany 0232 UT. See GOA

11620, AIR Urdu, schedule 0000-0430 UT from powerhouse Bangalore, shrill woman singer, string music in between, S=9+15dB, 0233 UT.

13695, AIR Bangalore in Kannada, powerhouse, only broadcast station in 22mb at this time slot, later followed by Hindi sce, scheduled 0215-0415 UT, S=9 at 0235 UT. \\ AIR Kannada and Hindi on ONLY broadcast station in 19 mb at this hour

15120, AIR Bangalore in Kannada, powerhouse, only broadcast station in 19mb at this time slot, later Hindi / Gujarati / English service

scheduled 0215-0530 UT, S=9 at 0245 UT Oct 30. And

[and non]. 7504.978 --- wandered, variable x.985 kHz USA WRNO New Orleans LA, noted around 0250 UT, S=8-9 here in southern Germany, but severe QRM here in Europe co-channel from easterly AIR New Delhi - according to Aoki Nagoya list - AIR Khampur site, Hindi sce, S=9 on even 7505 kHz (Wolfgang B, schel, Germany, log 0200-0300 UT Oct 30, dxldyg via DX LISTENING DIGEST)

** INTERNATIONAL VACUUM & INTERNET. World Radio Network --- For the last couple of months, I have been unable to access the <http://wrn.org> web site. Today, I tried a bookmarked stream I've used for years and it is not working. Does anyone know what is happening with WRN? mc (Mike Cooper, Oct 29, DX LISTENING DIGEST)

Mike, I am still getting WRN via my bookmark:
<http://shoutcast.wrn.org:8000/>

And WOR should be coming up at 1730. I have been unable to get any straight answer from them, except a rumor that they will continue into B-16. I suspect that under BaBcoCk ownership it has become an extremely low priority, and is more or less running on auto-pilot (Glenn to Mike via WORLD OF RADIO 1850, DXLD)

Glenn: Thanks for the prompt response. I had boomed
<http://193.42.152.160/wrnengus>
which had worked for years until now.

I just checked and the feed is still on Galaxy 19 satellite (so am listening there for WOR in a few minutes). A little internet searching after I emailed you revealed you'd noted the web site problem on WOR last month. rgds mc (Mike Cooper, WORLD OF RADIO 1850, ibid.)

WORLD OF RADIO times on WRN to North America, expected to be shifted for standard season: Sat 1830, UT Sun 0230, to be confirmed (Glenn Hauser, WORLD OF RADIO 1850, DX LISTENING DIGEST)

I see that WRN is now owned by Babcock. Wonder if that's why they have taken their web presence down? I went looking for it last week, as well (Richard Cuff, Allentown PA, Nov 1, internetradio via DXLD)

Although the web site still is down (UT Thursday 11/3 at 0205), I'm still hearing WRN (Europe and North America feeds) via TuneIn. So the radio (audio) service still exists. For now, anyway (Jim Tedford, ibid.)

** IRAN. 15750.004, Arabic service 0530-1430 UT, IRIB via Zahedan broadcast center to Western Muslim world service, like Morocco,

Algeria, Tunisia, Libya, Egypt, Turkey, Iraq, Syria, Lebanon, Israel, Palestine, Jordan target. 28 kHz (!) wide signal, excellent shortwave audio modulated, S=9+30dB in Doha Qatar unit, heard at 0625-0630 UT on Oct 28. [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang B, schel, Morning log 0445-0640 UT on Oct 28, Logged in Doha Qatar Middle East remote SDR unit, wwdxc BC-DX TopNews, dxldyg via DX LISTENING DIGEST)

IRIB Tehran broadcasts already heard on B-16 season schedule early from 17 UT tune-in today Sat Oct 29. Noted now 1945 UT:

6060 1730 2100 37-39 ZAH 500 289 0 145 Ara IRN IRB 2246 ARAB-West
Morocco, Algeria, Tunisia, Libya, Egypt, Turkey, Iraq, Syria, Lebanon, Israel, Palestine, Jordan target.

6040 1920 2020 27,28 SIR 500 313 0 218 Eng IRN IRB 2244 ENGLISH
15460 1920 2020 52,53,57 SIR 500 211 15 216 Eng IRN IRB 7295 ENGLISH

6135 1920 1950 28S SIR 500 300 30 218 Ita IRN IRB 14017 ITALIAN
7305 1920 1950 28S SIR 500 295 0 156 Ita IRN IRB 2262 ITALIAN

Coming soon tonight:

7360 2020 2120 27S,28S,37, SIR 500 298 -15 218 Spa IRN IRB 7377
SPANISH

6060 2100 0030 37-39 ZAH 500 289 0 145 Ara IRN IRB 2247 ARAB-West

7420 2220 2320 49,54 SIR 500 120 30 218 Ind IRN IRB 7316 MALAY Ins
9490 2220 2320 49,54 SIR 500 115 0 218 Ind IRN IRB 2273 MALAY Ins

5915 2050 2150 45 SIR 500 60 0 218 Jpn IRN IRB 7266 JAPANESE
7425 2050 2150 45 SIR 500 53 -15 218 Jpn IRN IRB 7371 JAPANESE

6110 2320 0020 42-44 SIR 500 68 -15 218 Cmn IRN IRB 7270 CHINA
9490 2320 0020 42-44 SIR 500 65 -15 156 Cmn IRN IRB 7416 CHINA

6060 0030 0230 37-39 ZAH 500 289 0 145 Ara IRN IRB 15526 ARAB-West
7380 0230 0530 38,39 ZAH 500 289 0 145 Ara IRN IRB 7243 ARAB-West
Morocco, Algeria, Tunisia, Libya, Egypt, Turkey, Iraq, Syria, Lebanon, Israel, Palestine, Jordan target.

7370 0130 0530 39 SIR 500 198 0 146 Ara IRN IRB 7332 ARAB-Saud
South Arabian peninsula target

5860 0220 0320 40E,41W SIR 500 65 -15 156 Pus IRN IRB 15857 PUSHTO
5985 0220 0320 40E,41W SIR 500 65 -15 156 Pus IRN IRB 15858 PUSHTO
6075 0220 0320 40E,41W SIR 500 65 -15 156 Pus IRN IRB 2249 PUSHTO
7230 0220 0320 40E,41W AHW 500 84 0 145 Pus IRN IRB 15859 PUSHTO

7390 0220 0320 40E,41W AHW 500 84 0 145 Pus IRN IRB 15545 PUSHTO

7425 0320 0420 38E,39W SIR 500 282 0 146 Ara IRN IRB 2268
Saut Falestin - "Voice of Islamic Palestinian Revolution"

13820 0530 0730 38,39 ZAH 500 289 0 145 Ara IRN IRB 15015 ARAB-W
13780 0530 0830 39 SIR 500 198 0 146 Ara IRN IRB 365 ARAB-S
13820 0830 1430 38,39 ZAH 500 289 0 145 Ara IRN IRB 15016 ARAB-W
15130 0930 1130 39 SIR 500 216 0 216 Ara IRN IRB 7259 ARAB-S
15130 1130 1430 39 SIR 500 216 0 216 Ara IRN IRB 7260 ARAB-S

9755 0420 0450 38E,39W SIR 500 293 30 218 Heb IRN IRB 7370 Hebrew
11780 0420 0450 38E,39W SIR 500 295 0 211 Heb IRN IRB 7285 Hebrew
15240 1150 1220 38E,39W SIR 500 295 0 156 Heb IRN IRB 7291 Hebrew

7355 1320 1420 39 SIR 500 313 0 218 Kur IRN IRB 7300
KURDISH-Kirmanj dialect. {Sorani dialect not anymore on shortwave}
73 wb (Wolfgang B,schel, Oct 29, dxldyg iva DX LISTENING DIGEST)

[HFCC registrations:]

6060 0030 0230 37-39 ZAH 500 289 0 145 Ara IRN IRB 15526 ARAB-West
7380 0230 0530 38,39 ZAH 500 289 0 145 Ara IRN IRB 7243 ARAB-West
Morocco, Algeria, Tunisia, Libya, Egypt, Turkey, Iraq, Syria, Lebanon,
Israel, Palestine, Jordan target. \\ 6060 7370 kHz at 0200 UT.

6060 S=9+10dB IRIB Tehran Arabic here in southern Germany, signal
suffer a little QRM by interference heterodyne of Brazilian SRDA on
6059.771 kHz, 230 Hertz buzzy / whistle (Wolfgang B,schel, Germany,
log 0200-0300 UT Oct 30, dxldyg via DX LISTENING DIGEST)

6060 0030 0230 37-39 ZAH 500 289 0 145 Ara IRN IRB 15526 ARAB-West
7380 0230 0530 38,39 ZAH 500 289 0 145 Ara IRN IRB 7243 ARAB-West
Morocco, Algeria, Tunisia, Libya, Egypt, Turkey, Iraq, Syria, Lebanon,
Israel, Palestine, Jordan target.

\\ 6060 7370 kHz at 0200 UT

6060 S=9+10dB IRIB Tehran Arabic here in southern Germany, signal
suffer a little QRM by interference heterodyne of Brazilian SRDA on
6059.771 kHz, 230 Hertz buzzy / whistle... wb df5sx (B,schel, Oct 30,
dxldyg via DXLD)

They were NEVER GONE from shortwave, neither their web services. But
no UTC night service of English towards US anymore on SW.
See new B-16 file: wb

6060 0030 0230 37-39	ZAH 500 289	0 145 Ara 15526 ARBIC-W
7370 0130 0530 39	SIR 500 198	0 146 Ara 7332 ARBIC-S

7380	0230	0530	38,39	ZAH	500	289	0	145	Ara	7243	ARBIC-W
7425	0320	0420	38E,39W	SIR	500	282	0	146	Ara	2268	SSS-FFF
13820	0530	0730	38,39	ZAH	500	289	0	145	Ara	15015	ARBIC-W
13780	0530	0830	39	SIR	500	198	0	146	Ara	365	ARBIC-S
13820	0830	1430	38,39	ZAH	500	289	0	145	Ara	15016	ARBIC-W
15130	0930	1130	39	SIR	500	216	0	216	Ara	7259	ARBIC-S
15130	1130	1430	39	SIR	500	216	0	216	Ara	7260	ARBIC-S
7310	1430	1730	37,38,39	ZAH	500	289	0	145	Ara	7237	ARBIC-W
9655	1430	1730	39	SIR	500	216	0	216	Ara	15508	ARBIC-S
6060	1730	2100	37-39	ZAH	500	289	0	145	Ara	2246	ARBIC-W
6060	2100	0030	37-39	ZAH	500	289	0	145	Ara	2247	ARBIC-W
5945	1620	1720	29SE,39NE,4	SIR	500	320	25	156	Axm	2240	ARMENIA
7290	1620	1720	29SE,39NE,4	SIR	500	320	0	146	Axm	2261	ARMENIA
9470	1420	1520	41NE	SIR	250	98	15	218	Ben	14018	BENGALI
9700	1420	1520	41NE	SIR	100	98	15	218	Ben	15860	BENGALI
7375	1620	1650	41NE	SIR	500	90	0	218	Ben	2265	BENGALI
6110	1720	1820	28S	SIR	500	300	30	218	Bos	15507	BOSNIAN
13630	1150	1250	42-44	SIR	500	46	-30	216	Cmn	7287	CHINAA-
15310	1150	1250	42-44	SIR	500	68	-15	218	Cmn	7292	CHINAA-
6110	2320	0020	42-44	SIR	500	68	-15	218	Cmn	7270	CHINAA-
9490	2320	0020	42-44	SIR	500	65	-15	156	Cmn	7416	CHINAA-
6025	1720	1820	27,28	SIR	500	313	0	218	Deu	7269	GERMANY
7425	1720	1820	27,28	SIR	500	320	25	156	Deu	2269	GERMANY
11985	1520	1620	41,49,54	SIR	500	102	0	146	Eng	7286	ENGLISH
6040	1920	2020	27,28	SIR	500	313	0	218	Eng	2244	ENGLISH
15460	1920	2020	52,53,57	SIR	500	211	15	216	Eng	7295	ENGLISH
[WORLD OF RADIO 1850]											
6135	1820	1920	27,28	SIR	250	313	0	218	Fra	7372	FRENCH-
15360	0550	0650	46,47	SIR	500	263	0	218	Hau	7293	HAUSAA-
9880	1820	1920	46,47	SIR	500	253	-30	218	Hau	7333	HAUSAA-
11700	1820	1920	46,47	SIR	500	253	-30	218	Hau	15862	HAUSAA-
9755	0420	0450	38E,39W	SIR	500	293	30	218	Heb	7370	EBRIIII
11780	0420	0450	38E,39W	SIR	500	295	0	211	Heb	7285	EBRIIII
15240	1150	1220	38E,39W	SIR	500	295	0	156	Heb	7291	EBRIIII
9900	1420	1520	41	SIR	500	90	0	145	Hin	7284	HINNDI-
11730	1420	1520	41	SIR	500	102	0	146	Hin	2282	HINNDI-
13840	1220	1320	49,54	SIR	100	115	0	218	Ind	15863	MELLAU-
17570	1220	1320	49,54	SIR	500	107	0	216	Ind	15510	MELLAU-
17715	1220	1320	49,54	SIR	500	115	0	218	Ind	2308	MELLAU-
7420	2220	2320	49,54	SIR	500	120	30	218	Ind	7316	MELLAU-
9490	2220	2320	49,54	SIR	500	115	0	218	Ind	2273	MELLAU-
6135	1920	1950	28S	SIR	500	300	30	218	Ita	14017	ITALIAN
7305	1920	1950	28S	SIR	500	295	0	156	Ita	2262	ITALIAN
13830	1050	1150	45	SIR	500	60	-30	218	Jpn	15509	JAPANES
5915	2050	2150	45	SIR	500	60	0	218	Jpn	7266	JAPANES
7425	2050	2150	45	SIR	500	53	-15	218	Jpn	7371	JAPANES

15235	0920	1020	30,31	SIR	500	18	0	146	Kaz	7302	KAZAKHI
17660	0920	1020	30,31	SIR	500	31	15	218	Kaz	2306	KAZAKHI
7355	1320	1420	39	SIR	500	313	0	218	Kur	7300	KURD-SH
13740	0550	0820	30S,31S,40E	SIR	500	46	16	218	Prs	7256	DARIIII
13740	0920	1150	30S,31S,40E	SIR	500	46	16	216	Prs	7257	DARIIII
5860	0220	0320	40E,41W	SIR	500	65	-15	156	Pus	15857	PUSHT00
5985	0220	0320	40E,41W	SIR	500	65	-15	156	Pus	15858	PUSHT00
6075	0220	0320	40E,41W	SIR	500	65	-15	156	Pus	2249	PUSHT00
7230	0220	0320	40E,41W	AHW	500	84	0	145	Pus	15859	PUSHT00
7390	0220	0320	40E,41W	AHW	500	84	0	145	Pus	15545	PUSHT00
13750	1220	1320	30S,31S,40E	AHW	250	84	0	145	Pus	7318	PUSHT00
5935	1620	1720	40E,41W	AHW	500	84	0	145	Pus	15544	PUSHT00
11675	1320	1420	28E,29,30	SIR	500	336	0	146	Rus	7417	RUSSIAN
7420	0020	0320	12-16	SIR	500	270	-25	156	Spa	7369	SPANISH
17540	0720	0820	27S,28S,37,	SIR	500	298	-15	218	Spa	2304	SPANISH
17820	0720	0820	27S,28S,37,	SIR	500	293	30	218	Spa	2309	SPANISH
7360	2020	2120	27S,28S,37,	SIR	500	298	-15	218	Spa	7377	SPANISH
5925	1820	1920	28S	SIR	500	295	0	156	Sqi	2235	ALBANIA
7305	1820	1920	28S	SIR	500	282	0	218	Sqi	7422	ALBANIA
13680	0450	0550	39S,47,48,5	SIR	500	216	0	216	Swa	7323	SWAHILI
15140	0450	0550	39S,47,48,5	SIR	500	223	-30	218	Swa	7324	SWAHILI
5950	0050	0220	30SE,31SW,4	SIR	500	65	-15	156	Tgk	2241	TAJIKKI
7360	0050	0220	30SE,31SW,4	SIR	500	46	30	218	Tgk	7376	TAJIKKI
11875	0420	0550	29S,39N	SIR	500	310	0	211	Tur	7329	TURK-ES
5925	1550	1720	29S,39N	SIR	500	298	-15	218	Tur	7375	TURK-ES
9500	1250	1420	40E,41N	SIR	500	90	0	145	Urd	2274	UURDUU-
5940	1520	1620	40E,41N	SIR	500	90	0	145	Urd	2239	UURDUU-
9810	1520	1620	40E,41N	SIR	500	90	0	145	Urd	15861	UURDUU-
7445	1450	1550	30S,31S,40N	SIR	500	18	0	146	Uzb	2271	UZBEKKI
11880	1450	1550	30S,31S,40N	AHW	250	26	0	145	Uzb	14016	UZBEKKI

Time sorted

7420	0020	0320	12-16	SIR	500	270	-25	156	Spa	7369	SPANISH
6060	0030	0230	37-39	ZAH	500	289	0	145	Ara	15526	ARBIC-W
5950	0050	0220	30SE,31SW,4	SIR	500	65	-15	156	Tgk	2241	TAJIKKI
7360	0050	0220	30SE,31SW,4	SIR	500	46	30	218	Tgk	7376	TAJIKKI
7370	0130	0530	39	SIR	500	198	0	146	Ara	7332	ARBIC-S
5860	0220	0320	40E,41W	SIR	500	65	-15	156	Pus	15857	PUSHT00
5985	0220	0320	40E,41W	SIR	500	65	-15	156	Pus	15858	PUSHT00
6075	0220	0320	40E,41W	SIR	500	65	-15	156	Pus	2249	PUSHT00
7230	0220	0320	40E,41W	AHW	500	84	0	145	Pus	15859	PUSHT00
7390	0220	0320	40E,41W	AHW	500	84	0	145	Pus	15545	PUSHT00
7380	0230	0530	38,39	ZAH	500	289	0	145	Ara	7243	ARBIC-W
7425	0320	0420	38E,39W	SIR	500	282	0	146	Ara	2268	SSS-FFF
9755	0420	0450	38E,39W	SIR	500	293	30	218	Heb	7370	EBRIIII
11780	0420	0450	38E,39W	SIR	500	295	0	211	Heb	7285	EBRIIII
11875	0420	0550	29S,39N	SIR	500	310	0	211	Tur	7329	TURK-ES
13680	0450	0550	39S,47,48,5	SIR	500	216	0	216	Swa	7323	SWAHILI

15140	0450	0550	39S,47,48,5	SIR	500	223	-30	218	Swa	7324	SWAHILI
13820	0530	0730	38,39	ZAH	500	289	0	145	Ara	15015	ARBIC-W
13780	0530	0830	39	SIR	500	198	0	146	Ara	365	ARBIC-S
15360	0550	0650	46,47	SIR	500	263	0	218	Hau	7293	HAUSAA-
13740	0550	0820	30S,31S,40E	SIR	500	46	16	218	Prs	7256	DARIIII
17540	0720	0820	27S,28S,37,	SIR	500	298	-15	218	Spa	2304	SPANISH
17820	0720	0820	27S,28S,37,	SIR	500	293	30	218	Spa	2309	SPANISH
13820	0830	1430	38,39	ZAH	500	289	0	145	Ara	15016	ARBIC-W
15235	0920	1020	30,31	SIR	500	18	0	146	Kaz	7302	KAZAKHI
17660	0920	1020	30,31	SIR	500	31	15	218	Kaz	2306	KAZAKHI
13740	0920	1150	30S,31S,40E	SIR	500	46	16	216	Prs	7257	DARIIII
15130	0930	1130	39	SIR	500	216	0	216	Ara	7259	ARBIC-S
13830	1050	1150	45	SIR	500	60	-30	218	Jpn	15509	JAPANES
15130	1130	1430	39	SIR	500	216	0	216	Ara	7260	ARBIC-S
15240	1150	1220	38E,39W	SIR	500	295	0	156	Heb	7291	EBRIIII
13630	1150	1250	42-44	SIR	500	46	-30	216	Cmn	7287	CHINAA-
15310	1150	1250	42-44	SIR	500	68	-15	218	Cmn	7292	CHINAA-
13750	1220	1320	30S,31S,40E	AHW	250	84	0	145	Pus	7318	PUSHT00
13840	1220	1320	49,54	SIR	100	115	0	218	Ind	15863	MELLAU-
17570	1220	1320	49,54	SIR	500	107	0	216	Ind	15510	MELLAU-
17715	1220	1320	49,54	SIR	500	115	0	218	Ind	2308	MELLAU-
9500	1250	1420	40E,41N	SIR	500	90	0	145	Urd	2274	UURDUU-
7355	1320	1420	39	SIR	500	313	0	218	Kur	7300	KURD-SH
11675	1320	1420	28E,29,30	SIR	500	336	0	146	Rus	7417	RUSSIAN
9470	1420	1520	41NE	SIR	250	98	15	218	Ben	14018	BENGALI
9700	1420	1520	41NE	SIR	100	98	15	218	Ben	15860	BENGALI
9900	1420	1520	41	SIR	500	90	0	145	Hin	7284	HINNDI-
11730	1420	1520	41	SIR	500	102	0	146	Hin	2282	HINNDI-
7310	1430	1730	37,38,39	ZAH	500	289	0	145	Ara	7237	ARBIC-W
9655	1430	1730	39	SIR	500	216	0	216	Ara	15508	ARBIC-S
7445	1450	1550	30S,31S,40N	SIR	500	18	0	146	Uzb	2271	UZBEKKI
11880	1450	1550	30S,31S,40N	AHW	250	26	0	145	Uzb	14016	UZBEKKI
5940	1520	1620	40E,41N	SIR	500	90	0	145	Urd	2239	UURDUU-
9810	1520	1620	40E,41N	SIR	500	90	0	145	Urd	15861	UURDUU-
11985	1520	1620	41,49,54	SIR	500	102	0	146	Eng	7286	ENGLISH
5925	1550	1720	29S,39N	SIR	500	298	-15	218	Tur	7375	TURK-ES
7375	1620	1650	41NE	SIR	500	90	0	218	Ben	2265	BENGALI
5935	1620	1720	40E,41W	AHW	500	84	0	145	Pus	15544	PUSHT00
5945	1620	1720	29SE,39NE,4	SIR	500	320	25	156	Axm	2240	ARMENIA
7290	1620	1720	29SE,39NE,4	SIR	500	320	0	146	Axm	2261	ARMENIA
6025	1720	1820	27,28	SIR	500	313	0	218	Deu	7269	GERMANY
6110	1720	1820	28S	SIR	500	300	30	218	Bos	15507	BOSNIAN
7425	1720	1820	27,28	SIR	500	320	25	156	Deu	2269	GERMANY
6060	1730	2100	37-39	ZAH	500	289	0	145	Ara	2246	ARBIC-W
5925	1820	1920	28S	SIR	500	295	0	156	Sqi	2235	ALBANIA
6135	1820	1920	27,28	SIR	250	313	0	218	Fra	7372	FRENCH-
7305	1820	1920	28S	SIR	500	282	0	218	Sqi	7422	ALBANIA
9880	1820	1920	46,47	SIR	500	253	-30	218	Hau	7333	HAUSAA-

11700	1820	1920	46,47	SIR	500	253	-30	218	Hau	15862	HAUSAA-
6135	1920	1950	28S	SIR	500	300	30	218	Ita	14017	ITALIAN
7305	1920	1950	28S	SIR	500	295	0	156	Ita	2262	ITALIAN
6040	1920	2020	27,28	SIR	500	313	0	218	Eng	2244	ENGLISH
15460	1920	2020	52,53,57	SIR	500	211	15	216	Eng	7295	ENGLISH
7360	2020	2120	27S,28S,37,	SIR	500	298	-15	218	Spa	7377	SPANISH
5915	2050	2150	45	SIR	500	60	0	218	Jpn	7266	JAPANESE
7425	2050	2150	45	SIR	500	53	-15	218	Jpn	7371	JAPANESE
6060	2100	0030	37-39	ZAH	500	289	0	145	Ara	2247	ARABIC-W
7420	2220	2320	49,54	SIR	500	120	30	218	Ind	7316	MELLAU-
9490	2220	2320	49,54	SIR	500	115	0	218	Ind	2273	MELLAU-
6110	2320	0020	42-44	SIR	500	68	-15	218	Cmn	7270	CHINAA-
9490	2320	0020	42-44	SIR	500	65	-15	156	Cmn	7416	CHINAA-

(via Wolfgang B,schel, dxldyg via DXLD)

6040 ein superstarker Tr%ger S=9+30dB aus Sirjan Iran aber eine sehr niedrige GEPRESSTE Stimmen Modulation in English mit Mailbox um 2000 UT auf

6040 1920-2020 27,28 SIR 500 313 218 English IRN IRB ENGLISH
(Wolfgang B,schel, WORLD OF RADIO 1850, DX LISTENING DIGEST)

** IRAN [non]. No signal of Radio Ranginkaman via BaBcoCk Grigoriopol on Oct 31
1700-1730 7580 KCH 500 kW / 116 deg WeAs Farsi Mon/Fri Radio Rainbow:
<http://swldxbulgaria.blogspot.bg/2016/11/no-signal-of-radio-ranginkaman-via.html>
(Ivo Ivanov, QTH: Sofia, Bulgaria, dxldyg via DX LISTENING DIGEST)

** IRELAND [non]. 5820, MADAGASCAR, RTE R. Easy 100% copy. 1951 lounge music with W vocal, couple people talking together mentioning iTangoî, and a Tango for about 30 seconds and then the people continue talking, then Glenn Miller's iMoonlight Serenadeî alternating with one of the ladies telling a story, but the audio dropped way down. Then iWhois Taking You Home Tonightî by Vera Lynn was played mixed with the people talking again. 1956 M program host talk by Mona and Bernie, and Penny and their lives, cont. Very Lynn [sic]. 1958 fanfare, deadair, tone, and off. Good signal (Dave Valko, Dunlo PA, 25 October 2016 Micro-DXpedition: RX: Perseus SDR, ANT: 313' Beverage (BOG) aimed at 60 . Solar Indices: Solar Flux = 78, A Index = 60!! K Index = 5, G3 level storms!! A7 X-Ray flux, HCDX via DXLD)

5820, MADAGASCAR, RTE R. Audio up at 1929:45 as M gave ID, and program in progress. Break for nice ID/contact info by W at 1945, and continuing program. After changing laptop batteries, checked this at 1953 and had the same program about several elderly ladies who love to dance as heard yesterday at the same time. Tone again at 1958 and off with out ID. Video of the reception can be found at
<https://youtu.be/1Rohiu-WBII>

73 (Dave Valko, Dunlo, PA, USA, 26 October 2016 Micro-DXpedition: RX:

Perseus SDR, ANT: 313i Beverage (BOG) aimed at 60 . Solar Indices:
Solar Flux = 78, A Index = 48, K Index = 5, G2 level storms. A7 X-Ray
flux, Hard-Core-DX mailing list via DXLD)

** ITALY. 7700-USB, ITALY, Marconi R. International. Barely getting
some music at 2041:20 peak. Still getting some weak music at 2052.
More instrumental music again at 2102 and more solid signal. 2105:50 M
announcer in Italian with mention of onda corta. 2107-2109 nice IS of
repeating organ melody mixed with multi-lingual IDs by M (peak at
2107) including short English ID at 2108:55 as i?? free radio station,
Marconi R. Internationalî. 2110:35 mention of ipirate free radioî
during IS. 2111:10 same English ID as at 2108:55, then immediately
into longer Italian ID announcement. 2113 iStar Warsî theme music.
Apparently went off at 2115. Weak but slowly getting stronger. There
was a carrier on the frequency as well, but since this was in USB, it
didn't cause any QRM. You can see a video of the reception at
https://youtu.be/90kizp-_kA8
(Dave Valko, Dunlo PA, 25 October 2016 Micro-DXpedition: RX: Perseus
SDR, ANT: 313' Beverage (BOG) aimed at 60 . Solar Indices: Solar Flux
= 78, A Index = 60!! K Index = 5, G3 level storms!! A7 X-Ray flux,
HCDX via DXLD)

Greetings from Italy! Please be advised that our weekly Tuesday
transmission will be replaced in the week from 31 October to 6
November by a special Halloween broadcast. This means that Marconi
Radio International will once again be on air tomorrow, Monday, 31
October 2016, as follows: 1700-2200 UT on 7700 kHz (USB Mode) with 100
watts.

To celebrate Halloween, we'll air a special 45 minute show, with a
number of rock songs, from punk to power metal, with the word
"Halloween" in their title.

As always, this 5 hour broadcast will also include our weekly DX shows
"Italian Shortwave Panorama" (in English), "Panorama Onde Corte" (in
Italian), and "Borderline" (a music show in Italian of lesser known
(or played on the radio) singers and bands. MRI encourages reception
reports from listeners. . . (MRI via DXLD)

Marconi Radio International with special Halloween broadcast on Mon
Oct 31
1700-2200 on 7700 unknown 100 watts tx to Eu English/Italian/Spanish
in USB mode:
<http://swldxbulgaria.blogspot.bg/2016/10/marconi-radio-international-with.html>
(Ivo Ivanov, QTH: Sofia, Bulgaria, dxldyg via DX LISTENING DIGEST)

Please be advised that today, 2 November 2016 Marconi Radio
International will once again be on air, as follows: 1830-2230 UT on

6390 kHz USB mode with an unscheduled test broadcast.

Reception reports with audio clips (mp3-file) are welcome and confirmed by QSL verification. Last but not least, we need your help! If you are a DX blogger, or use social networks, please post an announcement on your own blog and/or Facebook or send out a tweet. You can also forward this message to a friend. This should help increase our potential audience. We hope to hear from a lot of shortwave listeners about our transmissions. Best 73's (Marconi Radio International (MRI), DX LISTENING DIGEST)

Unscheduled test broadcast of Marconi R International Nov 2:
1830-2230 on 6390 unknown 100 watts tx to WeEu
English/Italian/Spanish USB
<http://swldxbulgaria.blogspot.bg/2016/11/unscheduled-test-broadcast-of-marconi.html>
(Ivo Ivanov, QTH: Sofia, Bulgaria, dxldyg via DX LISTENING DIGEST)

** ITALY [non]. 7730, UT Sunday Oct 30 at 0030 via WRMI, 17-note ID signal a few times on piano, IBC sign-on in Italian and English, IBC@Europe.com or see <http://www.ibcradio.web.com> 0032 starting weekly ham DX news report, 'DX-Italia'', in Italian. 0053 recheck, now some SWBC logs, such as KTWR. Liners in English, but program mostly in Italian. 0055 into 'IBC Digital', SSTV-sounding beeps. Is also on WRMI scheduled UT Sat 0130 on 11580 (Glenn Hauser, OK, DX LISTENING DIGEST)

** JAPAN [non]. 5960, Oct 31 at 0324, J-pop song at S9, as for B-16, NHK Japanese via FRANCE to Central America has moved here from 5910, escaping the collision with COLOMBIA if and when active. HJDH still faces ROMANIA, q.v. (Glenn Hauser, OK, DX LISTENING DIGEST)

** KASHMIR. INDIA/KASHMIR, 4760, presumed AIR Leh on 31 Oct from 1543 tune from Perseus site in E. Finland with nice S3-4 signal level with moderate adjacent channel QRM from Tajik Radio on 4765. Language and music type very unlike what is typically heard from Port Blair. End of Delhi English news by woman at 1543, commercials at 1545, into vernacular news by man with iPakistanî mentioned often to 1600 when there was a woman followed by group singing with drums and accompaniment from what I think is a Kashmiri isor-naiî wind folk instrument (I compared with a YouTube video of this instrument and the sound was identical). All this would seem to ID this as Leh. At 1628 there was a woman announcer followed by carrier off at 1628:15.

INDIA/KASHMIR, 4950, AIR Srinagar on both 30 Oct and 31 Oct from 1456 tune on 30 Oct and 1432 tune on 31 Oct from Perseus site in E. Finland. Poorly modulated signal on both days with strong carrier presence. Programming content was almost unreadable. On 30 Oct man

from tune to about 1514. What sounded like a commercial at 1514 followed by man and woman announcers. Carrier off at 1533. On 31 Oct music was distinguishable at 1504 with a female vocal. Carrier off at 1529. Posted by: ("Bruce Churchill", CA, dxldyg via WORLD OF RADIO 1850, DX LISTENING DIGEST)

** KASHMIR [non]. 7265, Azad Kashmir Radio, Islamabad. OK signal but undermodulated, mixture of talks & subcontinental music, in the clear 1216, 28/10 (Craig Seager, VK2HBT, Bathurst NSW (Perseus SDR, Preamp, Wellbrook feeder isolator, Icom IC-746, Loop Skywire, Loop with LZ2AQ amplifier), Nov Australian DX News via DXLD)

** KOREA NORTH. 6170, Oct 31 at 1309, typical Juche music, as VOK has reoccupied channel for B-16 now that RNZI is gone. Arnulf Piontek's B-16 schedule (same as A-16, he says) shows 1030-1330 at 28 degrees to Americas, final hour really KCBS in Korean. Still at 1330-2130 switched to 325 degrees for Europe (Glenn Hauser, OK, DX LISTENING DIGEST)

** KOREA NORTH [non]. New frequencies for Shiokaze/Sea Breeze via Yamata (Japan). On Oct 30, at 1300, noted 5935 was no longer active, so spent the next hour looking for their new frequency, but unable to do so. Thanks to both Hiroshi and Hiroyuki Komatsubara, I now understand why I did not locate them; extremely poor frequency choice; 1300-1400 now on 7410 (ex: 5935), which has a very strong CRI broadcasting there during that time period. Oct 31 tuned in at 1300 to 7410 and indeed Shiokaze was there, but completely unusable reception, as CRI was just too strong. Reception so poor as to be unable to even guess what language they used; was very hard to even confirm that it was in fact Shiokaze.

7325 (ex: 5985), Shiokaze/Sea Breeze, on Oct 30, at *1405, in Japanese; clear frequency; carrying the "Furusato No Kaze" ("Wind of Hometown") program (per Hiroshi). This now closes the window of opportunity to check for Wantok Radio Light (PNG) reception.

6180, Shiokaze/Sea Breeze, on Oct 31 (Monday), at *1600, in stilted Chinese; heard immediately after the closing down of the echo jamming of CNR1 against RTI; almost fair (Ron Howard, Calif., dxldyg via WORLD OF RADIO 1850, DX LISTENING DIGEST)

** KOREA NORTH [non]. TAIWAN/PALAU, B-16 no Kazes
Nippon no Kaze

1300-1330 on 9465 TSH 300 kW / 002 deg to NEAs Korean
1300-1330 on 9950 TSH 100 kW / 002 deg to NEAs Korean
1500-1530 on 9800 TSH 300 kW / 002 deg to NEAs Korean
1500-1530 on 9975 HBN 100 kW / 345 deg to NEAs Korean
1530-1600 on 9465 TSH 300 kW / 002 deg to NEAs Korean

1530-1600 on 9965 HBN 100 kW / 345 deg to NEAs Korean

Furusato no Kaze

1330-1400 on 9705 TSH 300 kW / 002 deg to NEAs Japanese

1330-1400 on 9950 TSH 100 kW / 002 deg to NEAs Japanese

1430-1500 on 9560 TSH 300 kW / 002 deg to NEAs Japanese

1430-1500 on 9960 HBN 100 kW / 345 deg to NEAs Japanese

1600-1630 on 9690 TSH 300 kW / 002 deg to NEAs Japanese

1600-1630 on 9975 HBN 100 kW / 345 deg to NEAs Japanese

<http://swldxbulgaria.blogspot.bg/2016/11/winter-b-16-of-nippon-no-kaze-and.html>

(Ivo Ivanov, QTH: Sofia, Bulgaria, dxldyg via DX LISTENING DIGEST)

** KOREA NORTH [non]. UZBEKISTAN/TAJIKISTAN, B-16 of clandestine
broadcast via RED Telecom

Radio Free North Korea

1200-1300 NF 9355 TAC 100 kW / 076 deg Korean, ex 9470 in B-15

National Unity Radio

1200-1500 NF 7520 DB 100 kW / 071 deg Korean, ex 7515 in B-15

Voice of Wilderness

1330-1530 on 7615 TAC 100 kW / 070 deg Korean, no change B-15

North Korea Reform Radio

1430-1530 on 7590 TAC 100 kW / 076 deg Korean, no change B-15

2030-2130 NF 7500 TAC 100 kW / 076 deg Korean, ex 7510 in B-15

Voice of Martyrs

1530-1700 NF 7510 TAC 100 kW / 076 deg Korean, ex 7520 1630-18

<http://swldxbulgaria.blogspot.bg/2016/11/winter-b-16-schedule-of-clandestine.html>

(Ivo Ivanov, QTH: Sofia, Bulgaria, dxldyg via DX LISTENING DIGEST)

** KOREA SOUTH. From Chris Kadlec -- 1053 Korean Jammer Info and Tower
Photo --- the following information on the Korean 1053-Jammer was
forwarded from a Facebook post from Chris Kadlec, who is currently
visiting South Korea. The photo of the three towers is posted at
<https://app.box.com/s/10auv1n7zncxdj33fukz5ijnmst19vex>

AM 1053 - Gimpo / Incheon, Korea - 250 kW

Here are three of the four towers of AM 1053, Gimpo, Korea (Seoul /
Incheon metro area). The station's format is a jammer of the siren
variety, on twice a day to block the 1,500 kW Pyongyang Broadcasting
affiliate about 70 miles across the water in Haeju. It's only
broadcasting at 250 kW, but does a good job nevertheless with its
partner whirring jammer (of the beehive type sound) at the Goyang
tower site just to the east and perhaps a third at the Taereung
experimental site on the east side of Seoul (I'll confirm tomorrow as
they had been off the air during past visits).

For those of you who are older, you could probably remember that this
site was once upon a time the KBS Gimpo tower site some years back

(one of two, as it would move from a former site), long off the air along with another dozen or so affiliates. I'll post more photos from this site as well as the 18 towers for the 13 local AM/SW stations at the National Intelligence Service's Goyang site in the coming week in the transmitter group. Because this site (pictured here) is an NIS site, it's technically a restricted area, but because the land surrounding it is all under new development, the biggest problem with photographing it was 10-foot construction walls, hence my darkened photo since I was unable to get a good view from the west with the sun shining on them (via Gary DeBock (in Puyallup, WA, USA), Nov 2, IRCA via DXLD)

Fascinating attaching an actual photo or scene to something we hear so often. It all seems like such a waste of energy - as if anyone in South Korea would listen to anything from the DPRK (Colin Newell, BC, *ibid.*)

** KOREA SOUTH. 4885, Echo of Hope - VOH, 1515, Nov 1. ID with frequencies and distinctive "V O H"; ID usually given 15 minutes after the hour, after the news in Korean; heard daily with fair-good reception.

This frequency started up back in late Dec 2015 and since then has been clear of any North Korea jamming, but occasionally is QRMed by OTH radar. This while all the other frequencies (// 3985 // 6003 and // 6348) are daily jammed with white noise. My clear audio at <http://goo.gl/FtwxDA>
(Ron Howard, Calif., dxldyg via DX LISTENING DIGEST)

** KOREA SOUTH. 6135, Voice of Freedom (clandestine) (presumed), 1251, Nov 2. Better than usual; doing fairly well until hit with the normal heavy white noise jamming a minute later; YL in Korean with background piano music. My audio at <http://goo.gl/uBxav2>
(Ron Howard, Calif., dxldyg via DX LISTENING DIGEST)

** KOREA SOUTH. Additional transmission of KBS World Radio from Oct 30 1400-1600 on 7215 KIM 250 kW / 264 deg to SoAs English, plus co-ch: 1500-1600 on 7215 KUN 500 kW / 283 deg to CeAs Nepali China Radio Int <http://swldxbulgaria.blogspot.bg/2016/10/additional-transmission-of-kbs-world.html> (DX RE MIX NEWS #976 from Georgi Bancov and Ivo Ivanov, November 1, 2016 via DXLD) We can't tell if you have heard this, or merely going by registrations, which in this case tend to be imaginary (gh, DXLD)

** KURDISTAN [non]. 9400, Oct 30 at 1314, Denge Kurdistan is back on its B-season frequency, ex-11600. Unexpectedly good for starters, and surprisingly, no CCI from FEBC Philippines like last winter --- maybe because FE propagation is so degraded today? That's still registered

at 10-14 in Chinese, 100 kW, 330 degrees from Iba. Some ACI from 9395-WRMI. At 1337 still good and clear at S9+10; 1358 check music, 1403 ID and Kurdish talk. By 1440 recheck, declined to S5-S8 but still QRM-free. Ivo Ivanov shows site change at 1400 from PRIDNESTROVYE to BULGARIA.

HFCC B-16 shows these sites for some BRB client on 9400: 04-08 & 12-20 PRIDNESTROVYE. 08-12 ARMENIA. Also something ``New`` for SPC BULGARIA in ``English`` at 0200-2359! This is quite contradicted by Ivo Ivanov's better-informed lineup:

``From Oct 30 11600 will be changed to new 9400 as follows
0400-0800 on 9400 KCH 300 kW / 130 deg WeAs Kurdish [PRIDNESTROVYE]
0800-1200 on 9400 ERV 300 kW / 192 deg WeAs Kurdish [ARMENIA]
1200-1400 on 9400 KCH 300 kW / 130 deg WeAs Kurdish [PRIDNESTROVYE]
1400-1700 on 9400 SOF 100 kW / 090 deg WeAs Kurdish [BULGARIA]
1700-2000 on 9400 ISS 250 kW / 090 deg WeAs Kurdish [FRANCE]
2000-2200 on 9400 KCH 300 kW / 116 deg WeAs Kurdish`` [PRIDNESTROVYE]
(Glenn Hauser, OK, DX LISTENING DIGEST)

Correction [i.e. switch at 1500 instead of 1400]:
From Oct 30 11600 will be changed to new 9400 as follows
1200-1500 on 9400 KCH 300 kW / 130 deg WeAs Kurdish [PRIDNESTROVYE]
1500-1700 on 9400 SOF 100 kW / 090 deg WeAs Kurdish [BULGARIA]
(Ivo Ivanov, Bulgaria, Oct 30, dxldyg via DX LISTENING DIGEST)

Reception of Denge Kurdistan on Oct 31
0400-0800 on 9400 KCH 300 kW / 130 deg to WeAs Kurdish
0800-1200 on 9400 ERV 300 kW / 192 deg to WeAs Kurdish
1200-1500 on 9400 KCH 300 kW / 130 deg to WeAs Kurdish
1500-1700 on 9400 SOF 100 kW / 090 deg to WeAs Kurdish
1700-2000 on 9400 ISS 250 kW / 090 deg to WeAs Kurdish
2000-2200 on 9400 KCH 300 kW / 116 deg to WeAs Kurdish
<http://swldxbulgaria.blogspot.bg/2016/11/reception-of-denge-kurdistan-on-oct31.html>
(Ivo Ivanov, QTH: Sofia, Bulgaria, dxldyg via DX LISTENING DIGEST)

9400, Oct 31 around 1330, Denge Kurdistane remains well-heard with little if any QRM from FEBC. Ivo Ivanov corrects the site schedule I quoted previously, saying that the switch from PRIDNESTROVYE to Bulgaria is now at 1500 instead of 1400.

9400, Nov 1 at 1357, Chinese is atop Denge Kurdistane now, i.e. FEBC PHILIPPINES, conditions back to ``normal``; ripple SAH between them
(Glenn Hauser, OK, WORLD OF RADIO 1850, DX LISTENING DIGEST)

** KURDISTAN. Turkey --- Members, This comes from a combination of Mauno Ritola carrying out the monitoring and GRA in Buenos Aires

bringing me the news. As part of the Government clampdown on opposition, two radio stations in the Kurdish area of South East Turkey have been closed. I have not yet found further detail on which stations they are.

The good news for us is that the 1062 kHz Diyarbakir station has survived this action. With so much activity around Mosul this frequency will be useful to the Turkish Government. 73 and 88 (Dan Goldfarb, UK, Oct 31, mwmasts yg via DXLD)

May you assume this is the real voice of 22 Million Kurds? and their 11% parliament members? Only music heard, when I checked this early morning service lately (Wolfgang B,schel, Germany, ibid.)

** KUWAIT [non]. Don't you believe another but fanciful HFCC registration on 5960, for R. Kuwait from Kabd site starting at 0200, since it's been completely off SW for a few years --- so why do they keep registering schedules (plus 11 more), a remote chance of resuming or to save face? Or so a MOI rep can still attend HFCC conferences on government payroll junket as a perk? And why does HFCC put up with such woodenness? (Glenn Hauser, DX LISTENING DIGEST) Prompted by ROMANIA on 5960

** MADAGASCAR. Signal on 5010.63 after 1930, probably Madagascar. Stronger and enough that audio should have been detected at 2019 but wasn't. No sign of 5066.3 Candip. 73 (Dave Valko, Dunlo, PA, USA, 26 October 2016 Micro-DXpedition: RX: Perseus SDR, ANT: 313i Beverage (BOG) aimed at 60 . Solar Indices: Solar Flux = 78, A Index = 48, K Index = 5, G2 level storms. A7 X-Ray flux, Hard-Core-DX mailing list via DXLD)

5010.59, Oct 31 at 0247, S7 carrier vs splash from 5015 WRMIBS. Presumed the constantly varying R. Madagasikara, nominally from *0300 per WRTN. (Dave Valko in PA had this? on 5010.63 as early as 1930 Oct 26. Wolfgang B,schel had it on 5010.110-5010.180 at 1633 Oct 9 vs India. And Sept 23 on 5010.796; Sept 14 at 1800: ``5010.550 kHz variable, Malagasy Radio Madigasikara, narrowed 5010.538 ... x.568 kHz much variable, hopping 10-20 Hertz up and down``. Another possibility if it were stable and much closer to 5010.0 would be the Cuban leapfrog mixing product of 5040 over 5025 another 15 kHz down (Glenn Hauser, OK, DX LISTENING DIGEST) See also IRELAND [non]

** MADAGASCAR. 9480, Oct 27 at 0401, still no-show from African Pathways Radio on Madagascar World Voice. In case it manage to broadcast in B-16, the English schedule per Ivo Ivanov changes to:

Winter [sic] B-16 of WCB KNLS Madagascar World Voice:
0100-0200 on 9600 MWV 100 kW / 040 deg to SoAs English tx#1

0300-0400 on 15670 MWV 100 kW / 040 deg to SoAs English tx#2
0400-0500 on 11825 MWV 100 kW / 295 deg to CeAf English tx#1
1800-1900 on 17640 MWV 100 kW / 310 deg to WeAf English tx#2
2000-2100 on 17640 MWV 100 kW / 295 deg to CeAf English tx#2
(Glenn Hauser, OK, WORLD OF RADIO 1849, DX LISTENING DIGEST)

Further NO-SHOW chex October 27: NOTHING heard on Oct 27 at 18-19 UT on 9570 and/or 17640 kHz channels of WCB / KNLS Madagascar programs. NOTHING heard on 11945 kHz Arabic in 19-20 UT time slot today Oct 27. No-show Arabic 13710 kHz at 20-21 UT either. No-show Chinese 11615 kHz at 21-22 UT either. No-show Chinese 9455 kHz, Arabic 11770 kHz at 22-23 UT either. No-show Chinese 9535 kHz at 23-24 UT either (Wolfgang B,schel, Germany, Oct 28, DX LISTENING DIGEST)

17640, Oct 27 at 1840, MWV still AWOL. Wolfgang B,schel checked all the broadcasts this evening, and heard none of them, nor Russian on 9570 after 1800.

17640, Oct 28 at 1829, 17640 still missing.

9600, Nov 1 at 0114, no signal from MWV as now scheduled with NLS English this hour instead of 9665 (and no more at 0000).

11825, Nov 1 at 0401, JBA carrier, maybe MWV as now scheduled for APR English, ex-9480 which used to propagate well on rare occasions it was active. Tho nothing else sked now on 11825, am not convinced it's MWV as could be overload/mixing product on the PL-880. [like WWCR 5890 + 5935 = 11825!]

17640, Nov 1 at 1844, no signal from MWV, which in B-16 allegedly maintains this English hour (and a new repeat at 20-21) (Glenn Hauser, OK, DX LISTENING DIGEST)

** MEXICO [and non]. 650, Oct 28 at 1245, adstring in Spanish, finally 1247 Grupo Ch·vez plug, which means XETNT Los Mochis, Sinaloa, 6:47 timecheck [penultimate day of MDT for them], and then ``Altavoz Informa`` which is their morning news block; vs. KGAB Cheyenne WY on day power, mutually nullable (Glenn Hauser, OK, DX LISTENING DIGEST)

** MEXICO. 1650, XEARZ ZER Radio, MÈxico DF. 0956 October 29, 2016. Co-channel the mystery beacon SAC with Chuck Mangione's "Feels So Good" then quick female canned slogan ID into "The Happy Piper" by Henry Mancini. Female "Radio ZER, 16-50 AM" at 1015. EZL instrumental version of Berlin's "Take My Breath Away" and "The Good, The Bad and The Ugly" original theme by Ennio Morricone. This one always gives Radio Enciclopedia a run for the money with their cool retro instrumentals (Terry L Krueger, Clearwater FL, NRD-535, IC-R75, roof dipole, active loop, DX LISTENING DIGEST)

** MEXICO. RAYMIE'S MEXICO BEAT this week --- [mainly DTV]

[Re 16-43] If only one station screwed up, I'm impressed. This is a HUGE job. It's not horribly difficult, but we're talking about a LOT of equipment to configure (Doug Smith W9WI, Pleasant View, TN EM66, Oct 27, WTFDA Forum via DXLD)

SORTING OUT THE BROADCAST MOUNTAINS IN JU;REZ

With no information to go on but coordinates, I found sorting out the location of Imagen TV in Ju·rez exceedingly difficult. It turns out this is because Ju·rez has three TV transmission sites, each of which warrants a look.

We're going from south to north, so the northern sites are lower but slightly closer in. There are some incredible Photo Spheres from Noe Rodríguez Jiménez that offer a few visuals in this set.

Cerro Bola

Cerro Bola is a sight (and a site) worthy of a Scott Fybush tower cover, if it were ever possible.

[https://www.google.com/maps/place/31%C2%B040'14.2%22N+106%C2%B031'06.5%22W/@31.6702799,-106.5221506,3a,15y,71.8h,98.74t/data=!3m8!1e1!3m6!](https://www.google.com/maps/place/31%C2%B040'14.2%22N+106%C2%B031'06.5%22W/@31.6702799,-106.5221506,3a,15y,71.8h,98.74t/data=!3m8!1e1!3m6!1s-2XhYRTIBMnU%2FVgsDdWV-LYI%2FAAAAAAAAE8%2FZzkJdJPHJNQTO3lAX1mFu2cSvuN4aN53gCLIB!2e4!3e11!6s%2F%2F1h4.googleusercontent.com%2F-2XhYRTIBMnU%2FVgsDdWV-LYI%2FAAAAAAAAE8%2FZzkJdJPHJNQTO3lAX1mFu2cSvuN4aN53gCLIB%2Fw203-h100-k-no-pi-0-ya311.64008-ro-0-fo100%2F!7i8704!8i4352!4m5!3m4!1s0x0:0x0!8m2!3d31.6706111!4d-106.5184722)

1s-2XhYRTIBMnU%2FVgsDdWV-

LYI%2FAAAAAAAAE8%2FZzkJdJPHJNQTO3lAX1mFu2cSvuN4aN53gCLIB!2e4!3e11!

6s%2F%2F1h4.googleusercontent.com%2F-2XhYRTIBMnU%2FVgsDdWV-

LYI%2FAAAAAAAAE8%2FZzkJdJPHJNQTO3lAX1mFu2cSvuN4aN53gCLIB%2Fw203-h100-k-no-pi-0-ya311.64008-ro-0-fo100%2F!7i8704!8i4352!4m5!3m4!1s0x0:0x0!8m2!3d31.6706111!

4d-106.5184722

There are many towers here, but the largest TV occupant of Cerro Bola is Televisi n Azteca.

For at least the last 25 years, XHCJE and XHCJH have come from Cerro Bola. The Azteca shack is visible on the "shaded" (not visible from city) side of Cerro Bola, which our Photo Sphere happens to capture. It's beautiful, but it can be deadly. An Azteca tower worker died here in March.

<https://www.youtube.com/watch?v=KJpNA4tY2og>

44-year-old Agust n L pez plunged 100 meters while working on the tower. You can see why the drop is especially steep: just look at the transmission lines from the Azteca shack!

XEJ also lives on Cerro Bola. Its big, beefy [ch A5] analog TV tower is also visible on the site, as are an array of others for telecommunications (and probably FM).

Cerro del Indio

Cerro del Indio is the home of XHIJ and also, based on the coordinates in the FCC database, of XHCTCJ. I suspect that XHCTCJ is colocated with XHIJ, not just because the difference in coordinates is a mere 1.5 seconds (or roughly 35 meters) in latitude, but because XHCTME Mexicali is at the XHILA site. There seem to be a couple other towers here, though it's not clear what they're for.

Indio doesn't have much going for it, though the XHIJ site does have two plaques

<https://www.youtube.com/watch?v=NxOmp0UE12E>

(one placed in 1990 for the station's 10th anniversary and another in 2015 coinciding with the analog shutoff).

Cerro Ju·rez

In December, it snowed in the Borderplex. I say this because our friend Noe went up Cerro Ju·rez and gave us this Photo Sphere.

[https://www.google.com/maps/place/31%C2%B040'14.2%22N+106%C2%B031'06.5%22W/@31.7092363,-106.492281,3a,17.2y,336.21h,98.67t/data=!3m8!1e1!3m6!1s-yFxP1Y3H4sg%2FVom_AemVQSI%2FAAAAAAAAAAgo%2FFZNChOMsNscTJDmIR2p0qMP0-e8jevKXACLIB!2e4!3e11!6s%2F%2F1h3.googleusercontent.com%2F-yFxP1Y3H4sg%2FVom_AemVQSI%2FAAAAAAAAAAgo%2FFZNChOMsNscTJDmIR2p0qMP0-e8jevKXACLIB!2Fw203-h100-k-no-pi-0-ya56.437466-ro-0-fo100%2F!7i8704!8i4352!4m5!3m4!1s0x0:0x0!8m2!3d31.6706111!4d-106.5184722](https://www.google.com/maps/place/31%C2%B040'14.2%22N+106%C2%B031'06.5%22W/@31.7092363,-106.492281,3a,17.2y,336.21h,98.67t/data=!3m8!1e1!3m6!1s-yFxP1Y3H4sg%2FVom_AemVQSI%2FAAAAAAAAAAgo%2FFZNChOMsNscTJDmIR2p0qMP0-e8jevKXACLIB!2e4!3e11!6s%2F%2F1h3.googleusercontent.com%2F-yFxP1Y3H4sg%2FVom_AemVQSI%2FAAAAAAAAAAgo%2FFZNChOMsNscTJDmIR2p0qMP0-e8jevKXACLIB%2Fw203-h100-k-no-pi-0-ya56.437466-ro-0-fo100%2F!7i8704!8i4352!4m5!3m4!1s0x0:0x0!8m2!3d31.6706111!4d-106.5184722)

It shows the most modest of the stick sites in the city, Cerro Ju·rez, which is home to Televisa. If you use 3D on Google Maps, you'll see the old XHJUB "56" logo painted on one of the sides of the transmitter building (and now gone).

<https://www.youtube.com/watch?v=7vUaFLV2Zb4>

(Raymie Humbert, Phúnix AZ, Oct 29, WTFDA Forum via DXLD)

Azteca's been piling up multiprogramming authorizations and is set to give a massive boost to Proyecto 40 come December 1 with its expansion into a bunch of new cities.

<https://twitter.com/proyecto40/status/792057777904611328>

(Raymie, Oct 29, *ibid.*)

I'd like to give a hearty hand of applause to Mexico's newest radio station... ...wait, what, it's been on the permit books since 2000?

That would be correct, because that station is XHZTA-FM Zihuatanejo, Guerrero,

<https://twitter.com/RadTVGuerrero/status/792176034103775232>

the second FM in the RTG state network.

If you don't believe me, here's the permit from 2000.

<http://rpc.ift.org.mx/rpc/pdfs/0902526480037e8f.pdf>

The station could have been on the books in the 90s, as the AMs on that list date to the 80s.

The AM network did not have any coverage in the Ixtapa-Zihuatanejo area.

Assuming it was built at the listed technical parameters, XHZTA signs on as the most powerful station in Guerrero outside of Acapulco with 50 kW ERP (only two stations have 50 or more in Acapulco: XHAGE 102.3 and RTG sister XHGRC 97.7).

Last edited by Raymie; 10-30-2016 at 11:25 PM (Raymie, Oct 30, *ibid.*)

And the first university TV station in southeastern Mexico has turned on its transmitter.

Local reports suggest XHUJAT-TDT 35 is on air as of today with testing, if not its normal programming. This is the second of the 5 TV stations awarded in July 2015 to come to air (the Zacatecas social trio have been impressively quiet). The university has announced a formal launch date of Sunday, November 7.

<https://www.facebook.com/voz.universitaria.7/posts/1278180698879995>

Apparently the transmitter was turned on Saturday.

<https://twitter.com/MyloSaenz/status/792383325939781633>

(Raymie, Oct 31, *ibid.*)

Local reports suggest XHUJAT-TDT 35 is on air as of today with testing, if not its normal programming. This is the second of the 5 TV stations awarded in July 2015 to come to air (the Zacatecas social trio have been impressively quiet). The university has announced a formal launch date of Sunday, November 7.

Apparently the transmitter was turned on Saturday. It's not the only new university station in digital this week. Get out your VHF antennas for XHUS-TDT, which reportedly began operations today and becomes the first Mexican DTV on channel 8 (and just the third overall on high-V: XHAMO/11 and XHMTA/12). Trying to find another report on this.

The Sistema Michoacano de Radio y Televisi n now holds the dubious distinction of operating the last all-analog TV service in Mexico. (Raymie, Oct 31, *ibid.*)

One more thing tonight...

I've finally found a connection between all the new Veracruz social stations (XHRAF-XHCAY-XHSANR) and an existing trio of permit stations in the same state.

XHPAPA and XHALAM share a permitholder and legal representative - Daniel Uscanga Hernandez, while a separate legal representative and permitholder own XHTLAC. The three have been known as "Radio Voces de Veracruz" (though their site is now down).

There was some sort of labor case involving Uscanga and others in the State of Mexico in 2012, which has some other names on it...

"IGNACIO SALINAS PE-A VS. ALKAGEN S.A. DE C.V. Y OTROS.- SE NOTIFICA A ALKAGEN, S.A. DE C.V. Y/O CONERAMA, S.A. DE C.V. Y/O GRUPO DEZGA S.A. DE C.V. Y/O DEZGA S.A. DE C.V. Y/O BRATO S.A. DE C.V. Y/O OSCAR JUAREZ CASTILLO Y/O GUILLERMO EDUARDO THOME ARROYO Y/O GREGORIO ANIMAS IXTLAMATE Y/O JOSEFINA VEGA BLANQUEL Y/O ALONSO BRAVO ZEPEDA Y/O DANIEL USCANGA HERNANDEZ Y/O QUIEN RESULTE RESPONSABLE O PROPIETARIO DE LA FUENTE DE TRABAJO, ACUERDO DE FECHA ONCE DE OCTUBRE DEL A-O DOS MIL DOCE, EN EL QUE SE SE-ALAN LAS ONCE HORAS CON CUARENTA Y CINCO MINUTOS DEL DÕA VEINTISIETE DE NOVIEMBRE DEL A-O DOS MIL DOCE, PARA QUE TENGA VERIFICATIVO UNA AUDIENCIA DE CONCILIACI"Ñ, DEMANDA Y EXCEPCIONES, OFRECIMIENTO Y ADMISI"Ñ DE PRUEBAS."

"scar Juarez Castillo is tied to XHRAF. ThomÈ Arroyo is tied to XHSANR. JosÈ Antonio GÙmez Suarez, who does not show up here, is the legal representative who signed for XHCAY. XHCAY does cite the same broadcast lawyer as the others (though there are only a handful and so that does not correlate to ownership, I do believe it to be related).

Also, while anecdotal, the new stations have similarly bland "we're really, really social" names. Joining "Learning Is For All" and "Community United by Culture" are "Culture Is Ours", "Community in Search of Culture" and "Community, Education and Values".

There is evidence that this network has attempted to get at least two more stations through its various permitholders, in San AndrÈs Tuxtla and Xalapa. There's even "Learning in the Community" Aprendiendo en la Comunidad, A.C., which wanted a station in Tantoyuca and another in Tlapacoyan. Cultura es lo Nuestro was particularly ambitious with a station proposal out of Veracruz, for Chalchicomula, Puebla (Cd. Serd·n).

Those documents come from the old Federal Competition Commission (now known as COFECE - Federal Economic Competition Commission), which also ruled on additional potential permit stations in 2010 (all favorably), demonstrating the backlog the IFT faces...

Universidad Autónoma del Carmen - Sabancuy, Camp.
 La Cultura en Manos Chiapanecas, A.C. - San Cristóbal de las Casas, Chis.
 Radio MDTEO, A.C. - Oaxaca, Oax. (note: related to Radio Plantón, a long-running pirate. MDTEO means Movimiento Democrático de Trabajadores de la Educación de Oaxaca)
 Radio Xcaret, A.C. - Playa del Carmen, Q. Roo
 Universidad Tecnológica de la Sierra Hidalguense - Zacualtipán de Jengales, Hgo.
<http://www.utsh.edu.mx/php/inicio.php>
 Miriam Marely Hernández Corzo - Matías Romero, Oax.
 Elizabeth Ruiz Chávez - Cuautla, Mor.
 José Antonio Díaz Serrano - Durango, Dgo.
 Timoteo Méndez Sánchez - Villahermosa, Tab.
 Chiapas Creciendo A Favor de la Cultura, A.C. - Palenque, Chis.
 Manuel Ricardo Villasana Payan - Coacalco, Edomex (this one will never happen because it's in the Mexico City metro)
 Fundación Mundo C, A.C. - San Cristóbal, Chis.
 Reflexiones Radiofónicas, A.C. - Comalcalco, Tab.
 Benemérita Universidad Autónoma de Puebla - Teziutlán, Acatzingo, Atlixco, Pue. (they received two other extension permits they requested)
 Proyecto Alborada Sierra y Frontera Sur, A.C. - Comalapa, Chis.
 Radio Enlace del Soconusco, A.C. - Huixtla, Chis.
 Cajvaltic Tasmeltsan, A.C. - Amatan, Chis.
 Fundación Cultural de Zacatecas, A.C. - Zacatecas, Zac. (to go with the TV station)
 Adrián Alvarado Vite - Tecamac, Edomex
 Fomento Educativo y Cultural Francisco de Ibarra, A.C. - Los Mochis and Culiacán, Sin.; Cd. Juárez, Chih. (UAD nearly got its Culiacán station this year and already operates in Mazatlán)
 Universidad Autónoma de Ciudad Juárez - Cd. Juárez, Chih. (this and the UAD station are highly unlikely - see my section)

There was also a raft of Christian station proposals in Chiapas:

Koinonia Radio, A.C. - San Cristóbal, Chis.
 Grupo Viva Nuevo Amanecer de la Fraylesca, A.C. - Villaflores, Chis. (operating as a pirate FM on 90.1 MHz)
<http://radiokerigma.com.mx/Nuevo-Amanecer/>
 Sembrador del Rey, A.C. - Palenque, Chis.
 Palabras de Esperanza Miel, A.C. - San Juan Chamula, Chis. (an operating pirate on 103.1 San Cristóbal has this name)
<http://www.esperanzamiel.com.mx/>
 Proclamando a Dios, A.C. - Zinacantan, Chis.
 Generadores de Esperanza para un Mundo Mejor, A.C. - Teopisca, Chis.
 Rhema en los Cinco Ministerios, A.C. - San Cristóbal, Chis.

Laicos Pregoneros Esperando la Segunda Venida, A.C. - San Crist bal, Chis.

Torre Fuerte de Chiapas, A.C. - San Crist bal, Chis.

There's even a TV station proposal of interest:

Benem rita Universidad Aut noma de Puebla - Puebla, Pue. (TV)

As to those Ciudad Ju rez FMs, it would be tough. There's a 91.3 allocation to El Porvenir (see XHEPR-FM), but El Paso has a 91.1 that rules that out. 96.9 C, 104.7 B and 105.5 B would be available from that same town, though, and Guadalupe de Bravos is allotted a feasible 89.9 A, all feasible with the Borderplex's mix of stations.

Last edited by Raymie; 11-01-2016 at 11:36 AM. (Raymie, Nov 1, ibid.)

Even more attempted stations from Cofece documents:

2008

Dabar Radio, A.C. - Guadalupe Calvo, Chih. (see: XHDAB Parral)
Municipality of Tlatlaya, Edomex (radio and TV)

State of Sinaloa - Culiac n, Sin. (TV) (Sinaloa lacks a state TV network)

FCSM, A.C. - Aguascalientes, Ags.; Hermosillo, Son.; Orizaba, Ver.
Universidad Tecnol gica de Tulancingo - Tulancingo, Hgo.

Patronato para el Fomento a la Educaci n, S.C. - Cuernavaca, Mor.
(TV) (I have one reference to a Universidad del Sol tied to this group, and I do strongly suspect a private university)

Universidad Popular Aut noma del Estado de Puebla, A.C. - Puebla, Pue.

Grupo Radio nico del R o, S.C. de R.L. de C.V. - R o Grande, Zac.
Apoyamos tu Superaci n, A.C. - Sahuaripa, Son.; Tijuana, B.C.

Gustavo Enrique Rafael Astiazar n Rosas - Tijuana, B.C. (Uniradio permit wolf!)

Sim n Valanci Buzali - Villahermosa, Tab. (the permit wolves are howling)

[Redacted] - Santiago de la Pe a, Tuxpan, Ver.

Universidad Aut noma Metropolitana - Mexico City (TV)

Tec de Monterrey - San Andr s Cholula, Pue.

Municipality of Nacajuca, Tab.

Tec de Monterrey - Monterrey, N.L. (TV)

Universidad Aut noma del Estado de Hidalgo - Tlahuelip n, Tepeji del R o, Tulancingo and Tizayuca, Hgo. (was along with the expansion stations they did get earlier this year)

Arte Musical Cl sico, A.C. - Reynosa, Tamps.

Protelevisi n de Matamoros Coahuila, A.C. - Matamoros, Coah. (TV)

Universidad Aut noma de Chihuahua - Delicias and Parral, Chih.

Domi Bello de Tenorio, A.C. - Iguala, Gro. (TV) (legal representative has a similar name)

2009

Municipality of Aquila, Michoac·n
Universidad de Sonora - Nogales, Puerto Peñasco and Ciudad Obregón, Son.

Sistema Chiapaneco de Radio, Televisión y Cinematografía - El Bosque-Simojovel-Tila-Ostuacan-Sabanilla; Nuevo Juan del Grijalva, Chis.

Fomento Cultural de Cihuatl·n, A.C. - Cihuatl·n, Jal.

Fundación Garza Limón, A.C. - Durango, Dgo. (TV permit wolf)

Promotora de Radiodifusión Voz de la Esperanza, A.C. - Nuevo Ideal, Dgo.

Nueva Generación con Vida, A.C. - Cd. del Carmen, Camp. (a Christian convention center operates by that name there)

Instituto Tecnológico de Querétaro - Querétaro, Qro.

Erick Rom·n García - Tehuac·n, Pue. (radio and TV)

Maurino Arturo Pimentel López - Santiago Ixtlahuaca, Oax.

Radio Naranjos, A.C. - Naranjos, Ver.

Crece Libre, A.C. - San Andrés de Azumiatla, Pue.

Amadeo Coutiño Aguilar - Jiquipilas, Chis.

Samuel Rodríguez Ramírez - Ejido Oriente, Motozintla, Chis.

Erika María Ponce Díaz - Villacomaltitl·n, Chis.

Ruperto Durantes Escobar - Mapastepec, Chis.

Uvaldino Natalio Paz Romero - Ejido Santo Domingo, Unión Juárez, Chis.

Erasmus Ángel Ruiz - Cintalapa, Chis.

Sarai Hernández Álvarez - Pijijiapan, Chis.

Daniel Maza Mendoza - Berriozabal, Chis.

Darinka Yugglamara Coello Hidalgo - Tuxtla Gutiérrez, Chis.

Ángel María López López - La Concordia, Chis.

Verónica Mónica Moral - Ixtapa, Chis.

José Ad·n Gerardo Solís López - Teopisca, Chis.

Centro para los Adolescentes de San Miguel de Allende, A.C. - San Miguel de Allende, Gto.

Calacoaya Centro Cultural - Jilotzingo, Edomex

CG Tecnología y Cultura, A.C. - Querétaro, Qro.

Universidad Tecnológica del Sur, A.C. - Canc·n, Q. Roo

Radio Iztapopo, A.C. - Tlalmanalco, Edomex

That's a lot of station proposals floating around, with again, a heavy dose of Chiapas. Some of the stations that had documents from these years were permitted, such as XHVDR (Raymie, Nov 1, *ibid.*)

Back to 2016, we have some news on Radio Bidding Process '17.

<http://www.proceso.com.mx/460985/buscan-208-una-licitacion-frecuencia-radio-ift->

concesionara-257

208 bidders completed their documentation, and so now the IFT will award participation certificates in late January.

There was even some activity on PABF '17, but there won't be many stations in it. Along with some AMs and FMs, there's a TDT station solicited by a public entity and some social TDTs. As usual, the PABF will get a publication date in the DOF and be open for public comment and then modified around the end of the year.

When it's published, we'll break down potential allotments (Raymie, Nov 1, *ibid.*)

The INE maps were changed earlier this year and I thought them a little less useful, until I discovered they were actually more updated. What's more, they also show shadows if they are on file with INE. Which is great.

For instance, this is XHPNG-TDT.

https://storage.jumpshare.com/preview/MPBNboUAt3t6-_NHc8YeALegPmNcjk145-ImQ9yUv2wMHDlifqxFpJbHMNOYmHGRrRf5lBvaUC_fnKDc91-M690Iq-_ZMIw1JNqsu6s4b00F1kR3dMUjedqC16uBUu85

The three blotches are the main station in Piedras Negras and its two shadows, Ciudad Acu0a and Nava. We know of both of these shadows.

But sometimes, they expose shadows not on the books. For instance, in Champot0n, Campeche, we have a shadow XHCAM on the books, but it turns out there's also a shadow XHGE there (that's identical).

There's also a very evident XHAE shadow, which is located at Parras de la Fuente...

<http://jmp.sh/4gQiDKI>

...a sloppy map revealing XHDY still maintains a shadow in Tuxtla Guti rrez...

...and so on. For instance, look at all these XHLGG shadows.

<http://jmp.sh/x7wQYw2>

Even Azteca has unknown shadows, like XHOXX-XHDG Asunci n Nochixtl n and XHOXX-XHDG Miahuatl n Oax.

Because the INE produces an *annual* catalog of radio and TV coverage, new Imagen stations and even some Televisa stations are missing for now. That also means newer shadows aren't inventoried.

The nice thing is that all these maps can be overlaid over Google Maps to provide a sense of station coverage areas (Raymie, Nov 2, *ibid.*)

Quote Originally Posted by Raymie: ``For instance, this is XHPNG-TDT.

The three blotches are the main station in Piedras Negras and its two shadows, Ciudad Acuña and Nava. We know of both of these shadows.``

That link doesn't work for me. Also, is there a link to the page where the maps are found? (Trip Ericson, Alexandria VA, Come visit RabbitEars for all your digital TV subchannel informational needs, Nov 2, ibid.)

Ah. They're at
<http://cartografia.ife.org.mx> (still correct URL)

Go to Cartografía - Coberturas Radio TV

Select a state and make sure to go to the bottom to select TDT stations. You must select the state where the station is licensed, even if the shadows spill over into other states.

The "Vialidades Google" option in the lower left puts the map onto a Google Maps overlay, which makes it more useful for determining where towns are and such. By default, you'll see all of the electoral districts (used to elect deputies).

They look a lot like a good Longley-Rice map, too. Lots of splattering. The IFT provides the coverage data to the INE for its uses in determining where stations reach, electoral pautas, etc. (Raymie, Nov 2, ibid.)

We've got Imagen in its largest missing city. Tijuana was turned on yesterday, with a virtual channel of 3 (as had been assigned by the IFT). The FCC approved XHCTTI on October 12. It came to air on November 1. An impressive task of station building by Grupo Imagen (Raymie, Nov 3, ibid.)

Absolutely. This Imagen turnup has been a VERY impressive piece of work. I cannot imagine a nationwide network being built in a few months in the U.S. (Doug Smith W9WI, Pleasant View, TN EM66, <http://www.w9wi.com> Nov 3, ibid.)

The IFT has submitted for public comment a set of technical guidelines for digital TV stations.
<http://www.ift.org.mx/industria/consultas-publicas/consulta-publica-sobre-el-anteproyecto-de-lineamientos-para-la-instalacion-y-operacion-de-estaciones>
This is the first Disposición Técnica for digital television. Public comments run from October 28 to November 17 (Raymie, Nov 3, ibid.)

** MONGOLIA. 17749.877, RFA Ulan Bataar Khonkhor relay site, Tibetan program, 0133 UT S=8, requested Mongolia relay at 01-03 UT daily (Wolfgang B.schel, morning 0100-0140 UT Nov 1st log of remote SDR in

Sri Lanka, thanks Victor 4S7VK in Piliyandala, Ceylon, dxldyg via DX LISTENING DIGEST) Ex-17730v; could often hear that off-frequency carrier at least (gh, OK)

** MYANMAR. 5985, Myanmar Radio, 1246-1250, Nov 2 (Wednesday). In progress with Radio Australia's "Lesson 18, Negotiating" language lesson; in both English and Burmese; fair. Broadcasts this program only on Monday and Wednesday. Full transcript of today's show at <http://goo.gl/EdfJce>
(Ron Howard, Calif., dxldyg via DX LISTENING DIGEST)

5914.990, MRMS Naypyidaw as S=8 signal heard on remote SDR in New Delhi India, at 1315 UT on Nov 2nd. Co-channel CRI Russian service from Huhhot relay on even 5915 kHz.

5985 even frequency MRMS Myanmar Radio, from Yegu - Yangon, much stronger S=9+15dB, Burmese songs, lady singer, pop music, at 1320 UT on Nov 2nd. wb df5sx (Wolfgang B, schel, dxldyg via DX LISTENING DIGEST)

** NETHERLANDS [non]. 6145, UT Sunday Oct 30 at 0048, JBA carrier; can this be The Mighty KBC via GERMANY as scheduled? I first figured they were AWOL, perhaps leaving India uncovered, but European propagation is terrible tonight. (CRI Albania 6020 is only S4-S6 at 0106). Still little or nothing on 6145 at 0104. Sometimes this is one hour, sometimes two hours, and we are right at A/B-16 transition time so there could be time confusion or an unexpected new frequency? B-16 HFCC shows MBR Nauen still registered Sundays only on 6145 at 00-01 and 02-03 (but not 01-02!).

In his publicity for Radiograms, Kim Elliott thought KBC would still be on this week: ``The Mighty KBC will transmit to North America Sunday 0000-0200 UTC (Saturday 8-10 pm EDT) on 6145 kHz, via Germany. A minute of MFSK32 will be at about 0130 UTC. KBC will also transmit to Europe Sunday, 30 October, at 1200-1300 UTC, on 6095 kHz. A minute of MFSK32 will be at about 1230 UTC. Reports to Eric: themightykbc (at) gmail.com`` (Glenn Hauser, OK, DX LISTENING DIGEST)

GERMANY, Mighty KBC Radio has announced 3 extra shortwave broadcasts to Western Europe on over the coming 2 months. The schedule is:
1200-1300 6095 NAU 100 kW / 240 deg to WeEu English Sunday on Oct 30
1200-1300 6095 NAU 100 kW / 240 deg to WeEu English Sunday on Nov 27
0900-1600 6095 NAU 100 kW / 240 deg to WeEu English Sunday on Dec 25
<http://swldxbulgaria.blogspot.bg/2016/10/mighty-kbc-radio-has-announced-3-extra.html>
(Ivo Ivanov, QTH: Sofia, Bulgaria, dxldyg via DX LISTENING DIGEST)

** NETHERLANDS [non]. PCJ special: see USA: WRMI

** NEW ZEALAND. 6170, Oct 29 at 1358, RNZI is still on A-16 frequency, while its replacement from tomorrow, 9700 is vacant except for heavy splash from 9710 CUBA, which might then be a problem.

17675, Oct 30 at 0019, RNZI has reactivated here for B-16, ex-15720 (which is still used shoulderly), only S2, while Australia 17840 is S4, neither really sufficient under circumstances.

11610, Oct 30 at 1119, very poor signal from algo, presumed RNZI on brand NF toward NNW rather than NNE. Per B-16 HFCC there is now a 2-hour break in ChiCom usage of 11610, just right for RNZI at 11-13.

9700, Oct 30 at 1305, RNZI on reactivated summer channel, ex-6170; S5-S8 airing Pacific news starting with human rights in Fiji; some splatter from 9710 CUBA, diminished by LSB tuning. Hope 9700 will improve once propagation disturbance be over.

9700, Oct 31 at 1309, RNZI is VG with news about Palau (Glenn Hauser, OK, DX LISTENING DIGEST) See also KOREA NORTH

** NIGERIA. 7254.94, V. of Nigeria. OK signal strength at 1811 (wasn't there at 1754) but W announcer barely audible. Fairly good at 1849 with news by W in English. ID by W at 1958, and into pop song at 1859. Pop music at 1900, then W announcer introducing the news with M host. 73 (Dave Valko, Dunlo, PA, USA, 26 October 2016 Micro-DXpedition: RX: Perseus SDR, ANT: 313i Beverage (BOG) aimed at 60 . Solar Indices: Solar Flux = 78, A Index = 48, K Index = 5, G2 level storms. A7 X-Ray flux, Hard-Core-DX mailing list via DXLD)

** NIGERIA [non]. U.K., Radio Dandal Kura International via BaBcoCk Woofferton on Nov 2
0700-0800 on 15480 WOF 250 kW / 165 deg to WeAf Kanuri, very strong:
<http://swldxbulgaria.blogspot.bg/2016/11/radio-dandal-kura-international-via.html>
(Ivo Ivanov, QTH: Sofia, Bulgaria, dxldyg via DX LISTENING DIGEST)

** NIGERIA [non]. FRANCE, Reception of Manara Radio via TDF Issoudun on Nov 2:
0730-0830 on 15440 ISS 150 kW / 170 deg to WeAf Hausa, good signal
<http://swldxbulgaria.blogspot.bg/2016/11/reception-of-manara-radio-via-tdf.html>
(Ivo Ivanov, QTH: Sofia, Bulgaria, dxldyg via DX LISTENING DIGEST)

** NORTH AMERICA. 6955.0-USB, Oct 30 at 0045, pirate at S7 with blues/soul music. 0055 now up to S9 with cowboy song; 0059 seems there is also a wobbly reduced carrier, or is it just music bed? No ID past 0100, but at 0105, ``You are tuned to Back Country Radio`` with overlapping echoes, then another voice deliberately distorted so I can't understand it giving a .com web address. 0132 check, now it's

off. No other pirates heard during this sesquihour; presumably there will be a lot more of them the next night or two for Hallowe'en.

Then I check

<https://www.hfunderground.com/board/index.php/topic,30780.0.html>
and find everyone logging it there took it as Bat Country Radio, also CW ID as KBAT, so I must defer to that. (BTW, the area around Freedom OK, Alabaster Cavern is bat country) (Glenn Hauser, OK, DX LISTENING DIGEST)

** NORTH AMERICA. 6960-AM, Nov 1 at 0116, soul/rock music at S9+5; 0122 live DJ ID as ``XFM, to the power of X``, acknowledging a call from Ken in Oklahoma, 22 after 1 UT timecheck, jazz. 0126 another ID, from ``somewhere under the stars``, acknowledging call from Minnesota, where it's ``gangbusters in his backyard``. Liners ``The music sounds great on XFM``, ``Hallowe'en``, address xfmshortwave@gmail.com and phone via IP 408-800-6925, if it's working. 0134 spooky tune with laughter. 0138 acknowledges posts on HF Underground, e-mail, including southern Alberta, Chicagoland, says he is doing this during a ``college homework-filled night``. Also reports from William Hassig (one of few using his real name), Azimuth Coordinator, Zane, Jim in MN, Ken in OK, Larry in MN with S9+30, James in CO. Some of them with music requests he will try to fulfill as is his obligation.

0148 mentions this is in C-QUAM stereo (I must get around to hooking up stereo speakers to the NRD-545.) I must say the modulation is very good, and so is the DJ. Sounds great on the PL-880 speaker, where reel-out clip-on antenna is sufficient. During this entire period I scan the NRD-545 for other pirates on the 43 mb, but none ever heard; the others must be awed by XFM and not wanting to compete. Many others were reported earlier around 2300 Hallowe'en before I started monitoring. At 0206, outro some Edgar Allan Poems set to music by Allan Parsons Project. Still going when I QRT at 0225, but gone when I resume at 0400 (Glenn Hauser, OK, DX LISTENING DIGEST)

** OKINAWA [and non]. I have never understood two things about US broadcasting in East Asia:

Why did the US never implement a high power transmitter on the western coast of S. Korea, at, for example, the US military base south of Suwon, with a salt water path almost the whole distance to Beijing?

Why did the US give up the megawatt in Okinawa when we kept military bases and other facilities there? What about the agreement with Japan prevented this?

Speaking of Okinawa, while it's horrible that some US personnel have committed capital crimes against Okinawans, anti-American elements act

as if Okinawans and Japanese are crime-free. Come on (Glenn Hauser, OK, DX LISTENING DIGEST)

** OKLAHOMA. 1640, Oct 31 at 0305 UT, KZLS Enid-Hennessey-OKC with double audio, an ad for something and an Ad Council PSA at equal levels. 0306 UT both stop at same instant, for single audio on ``Free Talk Live, Hour 3``, host not apologizing for the error (Glenn Hauser, OK, DX LISTENING DIGEST)

** OKLAHOMA [and non]. This week's Cuba Special on Broad Spectrum Radio --- BroadSpectrumRadio.com is airing a Cuba special this week on several local and shortwave radio stations.

The program includes my observations from a recent trip to Cuba which included a visit to the Correspondence Department of Radio Havana Cuba as well as some recordings of local radio in Havana.

The program can be heard at:

Shortwave:

30 minute version - WBCQ, 2330 UT, Thurs, October 27 - 7490 khz.

39 minute version - WINB, day/time TBD - 9265 khz.

60 minute version - Channel 292, day/time TBD - 6070 khz.

60 minute version - Unique Radio 3210, day/time TBD - 3210 khz.

Local:

15 minute version - KTLR, 11:00 am CDT in Oklahoma, Friday, October 28, 890 khz.

The show can also be downloaded at:

15 minute version -

<https://archive.org/download/bsr-cubashow-15mins-20161027/bsr-cubashow-15mins-20161027.mp3>

30 minute version -

<https://archive.org/download/bsr-cubashow-30mins-20161027/bsr-cubashow-30mins-20161027.mp3>

60 minute version - not finished yet

QSL reports are of course welcomed and once I get caught up on responses, I will be sending out a special Cuba card for this show by both email and postal mail (James Matthew Branum, OK, 2306 UT Oct 27, dxldyg via DX LISTENING DIGEST)

That wasn't enough notice to catch it on WBCQ; good thing about the repeats and versions (Glenn Hauser, DXLD)

** OMAN. 9540, R Sultanate of Oman, Thumrait, 0300, Oct 19, English, gong ID, news, 35333 (Rumen Pankov, Sofia, Bulgaria, DSWCI DX Window Nov 2 via DXLD) Not often this English broadcast heard/confirmed (gh)

** PAPUA NEW GUINEA. 3275, NBC Southern Highlands Mendi PNG. 3275. weak signal 1020 many mentions of PNG in talk in Pidgin. 20/10. Not normally heard in Sydney due noise (John Wright, Peakhurst NSW (Icom R75, EWE), Nov Australian DX News via DXLD)

** PERU. 5024.93, R. Quillabamba - Found R. Rebelde's audio off again (just OC) at 0950 and waited/hoped for R. Quillabamba to s/on which it did at 0957:13 with usual opening routine by alternating M and W in Spanish including QTH, ID, calls and frequencies, programing format, etc. 0959 fanfare and another ID announcement by M, barnyard SFX starting with rooster crowing, horse, dog, and even a wolf howling, then live studio AM W DJ with nice IDs and frequencies and website <http://www.radioquillabamba.com> over camposino [sic] music. Into campo music at 1002. Canned ID jingle between songs. Then the audio of R. Rebelde came on at 1005:10; however R. Quillabamba was giving it a run for its money. Had to tune in LSB to avoid the het from Rebelde. A bit of noise too, possibly from 5015. Would say conditions were poor. Had it been good, I can't imagine what Quillabamba would've sounded like!! A video of the reception can be found at <https://youtu.be/TPnks1hNxy4> (31 Oct.) 73 (Dave Valko, Dunlo, PA, USA, Perseus SDR with Wellbrook ALA1530S loop antenna, Hard-Core-DX mailing list via WORLD OF RADIO 1850, DXLD)

** PERU. 5980, Oct 29 at 0100, JBA carrier from R. Chaski, until autocutoff at 0103:04*, which is 24.5 seconds later than last check 4 nights before, Oct 25 until 0102:39.5*, averaging 6.1 seconds later per (Glenn Hauser, OK, DX LISTENING DIGEST)

5980. R. CHASKI. Octubre 29. 2320-2333 UTC. Espacio musical con Himnos Protestantes, primero corales, luego instrumentales i.e.: ¡*Loores dad a Cristo, el Rey!*. Hora local: ¡Son las 18 horas y 30 minutos en Red Radio Integridad!, aviso de varias conferencias de Soteriología*** en iglesias Bautistas de Lima, dictada por un teólogo norteamericano y de encuentros juveniles para el 1 de noviembre. A las 2333, comienza: ¡Jungla semántica!. SINPO: 45434 (Claudio Galaz Toledo, RX: PHILCO IC-18R, ANT: Telescópica, QTH: Poblado de Barraza Bajo, Comuna de Ovalle, IV Región, Chile, Condiglista yg via DXLD)

***very detailed explanation of this:

SOTERIOLOGIA --- Doctrina de la Obra de Cristo. El término soteriología se deriva de la voz griega "soter" que quiere decir

salvador. Es pues, la Soteriología aquella división de la Teología General que trata de la obra principal de Cristo o sea la redención obrada por Su sacrificio...

<http://www.interbiblia.com/estudios/soteriologia.htm>

Or in English but with ``multiple issues``:

<https://en.wikipedia.org/wiki/Soteriology>

(Glenn Hauser, DX LISTENING DIGEST)

5980, Oct 30 at 0102, JBA carrier from R. Chaski, until autocutoff at 0103:12*, which is 8 seconds later than last night, but my timing then may have been one second off; so compare to previous log, Oct 25 until 0102:39.5*, five nights ago, and 32.5 seconds earlier for an average of 6.5 seconds each, more like it (Glenn Hauser, OK, DX LISTENING DIGEST)

5980. R. CHASKI. Octubre 31. 0045-0102 UT. Programa `Los grandes temas` con el Pastor Salvador Dellutri, acerca del juicio de Dios, sobre la relevancia del Cristianismo por sobre las posiciones políticas coyunturales. A las 0058, se dan datos de contacto de Radio Transmundial y de la productora del programa: ``Casilla 5051, Montevideo, Uruguay``. Luego hora local y avisos de actividades para el 1, 4 y 5 de Noviembre en diversas iglesias bautistas de Lima. A las 0103 mientras se da el ID, se provoca la salida del aire. SINPO: 55434 con leve sobre modulación (Claudio Galaz, RX: PHILCO IC-18R, ANT: Telescópica, QTH: Poblado de Barraza Bajo, Comuna de Ovalle, IV Región, Chile, Condidglista yg via DXLD)

** PHILIPPINES. 15559.002, FEBC Bocaue, Javanese, S=8, 0112 UT (Wolfgang B, schel, morning 0100-0140 UT Nov 1st log of remote SDR in Sri Lanka, thanks Victor 4S7VK in Piliyandala, Ceylon, dxldyg via DX LISTENING DIGEST) Listed 15560, so almost 1000 Hz off (gh, DXLD)

** PHILIPPINES. 15620 & 17840, Radyo Pilipinas 0223 UT to 0315. October 22, 2016. Their English service broadcast. 15620 at 0255 is just ending "It's more fun in the Philippines" segment when my recording starts. They give out contact information for the station and then invite listeners to their website to get more information and listen live online. After that website promotional announcement, a music program hosted by a lady comes on with music from Argentina and Uruguay. I would give 15620 a SINPO rating of 44444. Overall, good reception with a moderate amount of fading and a slight bit of noise. Audio of 15620 is here:

<https://soundcloud.com/onairdjpaulwalker/15640-radyo-pilipinas-loop>

My recording of 17840 starts at 0223 UT with what sounds like a Filipino song. A male announcer comes on and mentions the name of the song then mentions taking listeners on a virtual tour of a Filipino

province. I would give this a SINPO Rating of 45334. The signal was OK but there was a moderate amount of noise and fading, with the signal getting worse later on. Audio of 17840 here:

<https://www.youtube.com/watch?v=cbxmhEqyV7w>

15640 and 17820 were also heard here a day earlier on October 21, 2016 between 0214 and 0330 UT. My recording of 15640 this day begins with a male announcer talking about the station, giving the name as DZRP, Radyo Pilipinas World Service, then news comes on from the PBS News Center and does a long segment on local, regional and national news with an anchor in studio introducing various reports, sound bites. I would give this a SINPO rating of 45334. The signal was fair to good, but a bit of fading and choppy propagation made it hard to listen to. Audio of 15640 on October 21st is here:

<https://www.youtube.com/watch?v=Fs8ZTwY5aJo>

I heard 17840 from 0323 to 0330 UT sign off. There was a song playing when I tuned in followed by a male announcer giving out the station contact information, frequency information, broadcast schedule information, then I think either a station jingle plays or a Philippine national song plays before the transmitter is turned off. The signal this time was a SINPO rating of 25223. The signal was strong but there was ALOT [sic] of fading and atmospheric noise. Audio of 17840 on October 21st is here:

<https://www.youtube.com/watch?v=3sr5PUid5x0>

I listen from Galena, Alaska, 300 miles west of Fairbanks and 300 miles east of Nome using a Tecsun PL880, 225 foot long wires, EmTech ZM2 Antenna tuner, Wellbrook ALA1530LNP loop & DX Engineering HF PreAmp (Paul B Walker Jr, Hard-Core-DX mailing list via DXLD)

<http://www.distancefromto.net> shows air distance from Nome to Galena is 252 statute miles; Galena to Fairbanx 271 st mi; never mind driving it (Glenn Hauser, DX LISTENING DIGEST)

** PRIDNESTROVYE. MOLDOVA B16 Trans World Radio Africa via Grigoriopol
0330-0345 on 7225 KCH 300 kW / 155 deg to EaAf Amharic Sun/Mon/Fri
0330-0345 on 7225 KCH 300 kW / 155 deg to EaAf Oromo Tue
0330-0345 on 7225 KCH 300 kW / 155 deg to EaAf Sidamo Wed/Thu
1630-1645 on 11635 KCH 300 kW / 160 deg to EaAf Somali Sun
1630-1700 on 11635 KCH 300 kW / 160 deg to EaAf Somali Mon-Sat
1800-1845 on 7245 KCH 300 kW / 157 deg to EaAf Tigrinya Mon-Thu
1815-1845 on 7245 KCH 300 kW / 157 deg to EaAf Tigrinya Fri
1800-1830 on 7245 KCH 300 kW / 157 deg to EaAf Tigre Sat
1800-1830 on 7245 KCH 300 kW / 157 deg to EaAf Kunama Sun
1830-1900 on 7245 KCH 300 kW / 157 deg to EaAf Tigrinya Sun
<http://swldxbulgaria.blogspot.bg/2016/11/winter-b-16-of-trans-world-radio-africa.html>

(Ivo Ivanov, QTH: Sofia, Bulgaria, dxldyg via DX LISTENING DIGEST)

**** PUNTLAND. SOMALIA, 13800, Puntland R, Garowe.** Some days ago I caught signals from this station. There was a prompt answer by e-mail from the station, only saying, "yes, you heard Puntland Radio". In numerous mails I explained the director, how a QSL should look like and after many attempts I got the E-QSL, I had created. But I think, he still does not know, why listeners ask for a QSL verification and what that means - hi. See my QSL in SWN/December (Andreas Schmid, Euerdorf, Germany, DSWCI DX Window 2 Nov via WORLD OF RADIO 1850, DXLD)

Puntland Radio One is back on air. In a series of emails from Mr. Jamal, Director General of Puntland TV/Radio Garowe Puntland Somalia, I received not only confirmation of their test transmission in April 2015 but for 24 October 2016 as well. In the course of our correspondence he informed me that their transmitter had been "off and not working" due to "Technical problem" for much of 2015 up until July 2016. He further requested I listen to their transmission on 13.800 kHz. Mr. Jamal stated their transmission time is "from 6:30AM to 9:00Am East Africa Time (03.30 till 06.00 UTC) and from 1:00PM to 7:00PM East Africa Time (10.00 till 16.00 UTC)." --- Timm Breyel in Subang Jaya, Selangor-MALAYSIA via his blog South East Asia DXing which can be visited at: <http://shortwavedxer.blogspot.it> (DX FANZINE nr. 38, October, via WORLD OF RADIO 1850, DXLD)

Puntland Radio, 13800 kHz: N/D E-mail message from Mr. Jamal, Director General of Puntland TV and Radio Garowe Puntland Somalia 12 hours after my 5th F/UP. I sent a further F/UP after having seen the station replied to Stefano Mannelli in Italy and Timm Breyel in Malaysia. Here is the content of the message: "Daer Antonio Napolitano, thank you for sent and communicate on this email, and as puntland radio we welcome any suggestion from you, now radio hear is okey and we will continues. thank you Jamal". E-mail: puntlandradio1@gmail.com (Antonello Napolitano, Taranto-ITALY). Puntland Radio, 13800 kHz: F/D PDF letter (They pasted a verification text made by myself) and photos of studios and shortwave antenna, 2 hours after my report. V/S: Jamal, Director General of Puntland TV and Radio, Garowe Puntland Somalia. E-mail: puntlandradio1@gmail.com (Antonello Napolitano, Taranto-ITALY, ibid.)

SOMALIA, Puntland Radio, 13800 kHz: N/D E-mail message from Mr. Jamal, Director General of Puntland TV and Radio Garowe Puntland Somalia in 545 days!!! Here is the content of the message: "Dear Stefano, thank you for your sent this information, please can u test again for hearing. thank you. Jamal Director General of Puntland TV and Radio Garowe Puntland Somalia". E-mail: puntlandradio1@gmail.com - (Stefano Mannelli, Falcade-BL-ITALY, ibid.)

**** ROMANIA. ROMANIA PROPOSES ABOLISHING PUBLIC BROADCAST LICENCE FEE**

EBU News October 21

The EBU is deeply concerned by the proposal to abolish the licence fee in Romania. The proposal is part of a broader plan to reduce taxes ahead of the upcoming elections. Full statement:
<https://www.ebu.ch/news/2016/10/ebu-concerned-by-proposals-to-abolish-the-broadcasting-fee-in-romania>

Several recent reports on this on the Radio Romania International website

Radio Romania does not support cancellation of radio&TV license fee:
http://www.rri.ro/en_gb/radio_romania_does_not_support_the_cancellation_of_radiotv_license_fee-2554424

The financing of the public radio and TV stations again in spotlight:
http://www.rri.ro/en_gb/the_financing_of_the_public_radio_and_tv_stations_again_in_the_spotlight-2554569

Radio & TV fee ñ Ovidiu Miculescu: challenge Liviu Dragnea accusations
http://www.rri.ro/en_gb/radio_and_tv_fee_ovidiu_miculescu_i_challenge_liviu_dragneas_accusations-2554650

Message by the management board of Radio Romania:
http://www.rri.ro/en_gb/message_by_the_management_board_of_radio_romania-2554665

State funding for public broadcasters?
http://www.rri.ro/en_gb/state_funding_for_public_broadcasters-2554690
Mike --- Posted by: Mike Barraclough, Oct 28, dxldyg via DXLD)

** ROMANIA. Radio Romania International / Listeners' Corner / 2016
Listener's Day on RRI --- 2016-10-07 13:48:00 Vlad Palcu

You are invited to take part in our 2016 edition of Listener's Day on RRI, a show devoted entirely to you, our listeners.

2016-listeners-day-on-rrr

Dear friends, On Sunday, November 6, we invite you to listen to the traditional Listener's Day show on RRI. As always, this is a special show, in which you play an active part by sending in your opinions and answers on which the segment is based. This time around, our question for you is, iWhere do the happiest people live?i

There are, obviously, annual lists ranking the happiest countries or the cities with the highest living standards, based on criteria such as generosity, social relations, freedom of decision, life expectancy,

healthcare services, culture, education or infrastructure. But are these countries and cities truly home to the happiest people in the world? Or is happiness to such an extent shaped by individual factors, making the answer to this question purely subjective? We invite you to share with us your opinions on this matter. Where do you think the happiest people live? Where and how would you like to live? What are the elements that make you feel good in a particular place?

We look forward to receiving your contributions, whether in writing (by e-mail, on Facebook, through the form on the RRI website, or the classical means, fax or post) or in audio format (if you agree, we can call to record your contributions). Our contact details are, as usual: Radio Romania International, 60-64 General Berthelot, sector 1, Bucharest, PO Box 111, post code 010165, fax 00.40.21.319.05.62, e-mail engl@rri.ro Our web page is at <http://www.rri.ro>

Hope to hear from you soon! (via gh, WORLD OF RADIO 1850, DXLD)

Some of the ~hour broadcasts:
2300 on 6015, 7220, 7325, 9620
0100 on 5960, 7325
0400 on 6020, 7340, 11790
(Glenn Hauser, *ibid.*)

** ROMANIA [and non]. 9610, Oct 30 at 1309, language lessons with phrases repeated, 1312 ID ``Saut Romani``, so RRI as now scheduled 1300-1330 in Arabic, 300 kW, 142 degrees from Tsiganeshti. Wonder if it's long-path, as Europe by short is not to be expected at this time. Also happen across another Arabic frequency just before 1327* with IS, 11945, which is 300 kW, 140 degrees from Galbeni. Then at 1329, the B-B-C- chimes are JBA, which is SINGAPORE about to open Myanmarianese (Glenn Hauser, OK, DX LISTENING DIGEST)

** ROMANIA [and non]. 5960, Oct 30 at 0240, poor S8 signal in French, which is RRI as now scheduled to E North America // listed 7410 (5960 also English at 01-02, // 7325 where also heard). [See KUWAIT]

5910, Oct 31 at 0242, RRI in Romanian // 7340, poor S5 mixing with music from COLOMBIA. RRI at 01-03 is now the nemesis of that, clear afterwards except for NHK Russian via Lithuania at 0430-0500 (Glenn Hauser, OK, DX LISTENING DIGEST)

** RUSSIA. B-16 schedule of Adygeyan Radio, same as A-16 and B-15:
1800-1900 on 6000 ARM 100 kW / 188 deg to CeAs Ad/Ar/Tu Mon
1800-1900 on 6000 ARM 100 kW / 188 deg to CeAs Adygeyan Fri
1900-2000 on 6000 ARM 100 kW / 188 deg to CeAs Adygeyan Sun
<http://swldxbulgaria.blogspot.bg/2016/11/winter-b-16-schedule-of-adygeyan-radio.html>

(Ivo Ivanov, QTH: Sofia, Bulgaria, dxldyg via DX LISTENING DIGEST)

** SAUDI ARABIA [and non]. Reportedly the Duba transmitter uses only the daytime frequency 594 kHz anymore. At least it's there right now, at 1645, considerably stronger than // 1440 and 1512.

At the same time only the small 5 kW in Spain is audible on 1521 kHz. So in all likelihood the presumably renovated Hutubi facility is not on air right now (Kai Ludwig, Germany, Oct 28, dxldyg via DX LISTENING DIGEST)

Thanks for this information, Kaj; indeed it is audible on 594 now at 1700 UT at fair to good strength, and on top of all else that is operating on the frequency. However, there are two stations mixing with each other on 1521 at the same time. The dominant one is CRI in Russian // 7410. The other I cannot ID except to say that it's not // with 594 (Noel R. Green (NW England), dxldyg via DXLD) Reply under GERMANY [and non]

** SAUDI ARABIA. 9714.979, BSKSA Saudi Radio from Riyadh, morning non-directional peninsula service in Arabic, HQ prayer at 0607 UT on Oct 28. S=9+15dB. [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang B, schel, Morning log 0445-0640 UT on Oct 28, Logged in Doha Qatar Middle East remote SDR unit, wwdxc BC-DX TopNews, dxldyg via DX LISTENING DIGEST)

** SCOTLAND [non]. Radio Six International November programme guide Website last updated at 09:36 GMT on Thursday 27th October 2016. Radio News link updated; Programme details updated.

.....We encourage listeners to our AM & FM broadcast services - especially on those on shortwave - to send us Reception Reports, and we're always happy to acknowledge your broadcast Reception Reports with a QSL card; all reception reports have been acknowledged, and all outstanding QSL cards have been mailed. In return for your report, please send either a Euro, two US Dollars or an International Reply Coupon to cover return postage together with the report and your name and return address to : 21 Sherbrooke Avenue, Glasgow G41 4HF, Scotland.

--

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Director of Programmes,
radio six international
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+44 141 427 0531

radiosix.com

<https://facebook.com/radiosixinternational>

On FM, AM, Shortwave and Digital radio on 55 affiliate stations around the world and online at
<http://radiosix.com:8000/radiosix.mp3>

Per the station website:

During the latter part of the 2000s, we broadcast regularly on shortwave via transmitters around the globe. Since then, many international broadcasters have discontinued broadcasting on the HF bands, as we did in 2007. Is there a future for shortwave radio? We carried out a one-off two-hour shortwave broadcast on Saturday 25th April 2015 and Saturday March 19th, 2016 from Roerbach in Germany. We'd be grateful for your reception reports and will verify by e-QSL card or, if you mail us one Euro or two US Dollars, we'll mail you a proper QSL card! All reports received electronically to date have been verified with eQSLs and copies of Radio News.

Radio Six International now also produces regular programming for European Music Radio which is broadcast regularly on shortwave. The next transmissions are as follows:

Saturday 19th November 2016:

2100 to 2200 UT on 7490 kHz - Central & North America via WBCQ

Saturday 17th December 2016:

2100 to 2200 UT on 7490 kHz - Central & North America via WBCQ

Sunday 18th December 2016:

0800 to 0900 UT on 9475 kHz - Southern Europe, Portugal, Spain via KBC

0800 to 0900 UT on 6045 kHz - Western Europe & UK via KBC

0900 to 1000 UT on 9485 kHz - Western Europe & UK via MV Baltic Radio

2000 to 2100 UT on 6070 kHz - Western Europe & UK via Channel 292

Reception Reports:

We issue QSL cards for all our broadcasts and reception reports are always welcome. Please send your reception reports (using the SINPO code if possible) with an International Reply Coupon to:

The Chief Engineer
Radio Six International
21 Sherbrooke Avenue
GLASGOW
G41 4HF
Scotland

We'll acknowledge all verifiable reports with a QSL Card and a free copy of our printed programme guide Radio News (via Mike Terry, Oct 27, dxldyg via DXLD)

** SIKKIM. 4835, AIR Gangtok (presumed), 1143-1230, 1256-1337 & 1352-1353, Nov 2. Tuned in to find ABC Alice Springs NT off the air; heard open carrier with faint traces of audio; by 1202 able to clearly determine when they played music and when announcer; 1215 chanting/singing (indigenous); 1352 subcontinent music/singing; 1353 ABC open carrier on, shortly followed by their audio. My audio of AIR & ABC at <http://goo.gl/50oVlj>

5020, SIBC, on Oct 30, Sunday, 1201-1252 & 1505*. Tuned in to the end of the National Anthem; one minute of dead air (open carrier); 1202 start of the usual Sunday non-stop religious songs in English; later noted 1505*, suddenly going off the air in mid-song; never any IDs, so not a Wantok FM relay, but a longer than usual extended SIBC broadcast; mostly poor.

5020, Wantok FM relay, 1254, Oct 31. Another extended broadcast past 1416; pop hit songs; frequent IDs ("This is Wantok FM 96.3. Good times, great music," etc.); poor.

5020, Wantok FM relay (presumed), 1340, Nov 2. Pop songs; unusually poor and unable to make out any IDs (Ron Howard, Calif., dxldyg via DX LISTENING DIGEST)

** SOMALILAND. 7120, SOMALIA, R. Hargeisa. Already getting a signal, though no audio, at 1743 when I first turned on the receiver. Finally able to definitely hear M announcer at 1750. Could barely hear M announcer at 1851 recheck. Audio a tad higher but still very weak. Ham playing around right on top at 1857. W announcer at 1859 with apparent closing (almost readable), 1900-1901 HoA music (not an anthem), and signal off at 1902:00. 73 (Dave Valko, Dunlo, PA, USA, 26 October 2016 Micro-DXpedition: RX: Perseus SDR, ANT: 313i Beverage (BOG) aimed at 60 . Solar Indices: Solar Flux = 78, A Index = 48, K Index = 5, G2 level storms. A7 X-Ray flux, Hard-Core-DX mailing list via DXLD)

7119.9975, Radio Hargeysa, Somali at 1830 UT S=9+5dB in southern Germany. Oct 27 (Wolfgang B_schel, dxldyg via DX LISTENING DIGEST)

7119.998, Radio Hargeysa Somali program noted at 0445 UT on Oct 28, S=7 signal in southern Germany unit. [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang B_schel, Morning log 0445-0640 UT on Oct 28, Logged in southern Germany, wwdxc BC-DX TopNews, dxldyg via DX LISTENING DIGEST)

** SOUTH AFRICA. 6155, Oct 31 at 0326, S8-S9 news from Kinshasa, as Channel Africa in English is now here at 03-04 M-F, 250 kW, 19 degrees from Meyerton, but sufficient way over here for news direct from Africa. Altho SABC management has been subject of huge scandals.

Replaces 5980 in the A-season, which suffers from the WWCR leapfrog of 5890 over 5935 another 45 kHz higher, and also from intermittent Cuban jamming long before R. Marti would use it, 07-13. ChAf is still // on 3345 plus another hour of English (Glenn Hauser, OK, WORLD OF RADIO 1850, DX LISTENING DIGEST)

** SOUTH AFRICA. Fair to good signal of South African Radio League, Oct 30
0800-0900 on 17760 MEY 250 kW / 019 deg to EaAf English/Africaans Sun
<http://swldxbulgaria.blogspot.bg/2016/10/fair-to-good-signal-of-south-african.html>
(Ivo Ivanov, QTH: Sofia, Bulgaria, dxldyg via DX LISTENING DIGEST)

** SOUTH CAROLINA [non non and non]. 7315, Oct 30 at 0637, Brother Scare via WHRI running roughly a minute behind 7570 WRMI, talking about his sub-tabernacle in Henryetta OK (due S of Tulsa, due E of OKC). Believe this replace 7355 which is no longer registered at this hour (Glenn Hauser, OK, DX LISTENING DIGEST)

11825, WRMI, Radio Miami Intil (presumed); 2012-2021+, 24-Oct; Bro. HyStairical waxing about evil & listing evils on Earth including ireligionî & iapostate Christianityî (I guess not believing in B.S. is apostasy) & using two of his favorite words, iyou peopleî. S20 peaks with 11820 splash; // 12075 from Bulgaria (presumed), not in 10/23 Aoki (Frodge-MI)

13695, WRMI, Radio Miami Intil (presumed); 1740, 25-Oct; Bro. HyStairical astutely pointed out that all religions claim they're right and all the others are wrong. He then listed a bunch of isms but astutely didn't include overcomerism. S10 (Harold Frodge, Midland MI, USA, Drake R8B + 185' & 60' RW + 125' bow-tie, ----- All logged by my ears, on my receiver, in real time! ----- DX LISTENING DIGEST)

11580, WRMI Radio Miami Intil (presumed); Bro. HyStairical totally blowing a gasket, sobbing & gasping about how evil we all are, etc. S10=3+53; // 11565 also via WRMI (presumed) S10=454 & about 1 second behind 11580; // 11825 also via WRMI (presumed) S10=454; // 9980 via WWCR (presumed). Different huxter on 9955 also talking about blasphemers. (Frodge-MI)

15770, WRMI Radio Miami Intil (presumed); 19120-1919+, 30-Oct; Bro. HyStairical on a rant, iYou peopleî, iYou rebellious peopleî, etc. S9; // 15440 S10=3+54 also via WRMI (p) with no offset; same program on 15710 at S8 but about 2 minutes behind 15770 & 15440; Presume 15710 is

via WHRI Cypress Creek SC, as listed on their websked for 1-8 PM.
(Harold Frodge, Midland MI, USA, 5525 Whitehall St., Midland MI 48642-3156, Drake R8B + 185' & 60' RW + 125' bow-tie, ----- All logged by my ears, on my receiver, in real time! -----, DX LISTENING DIGEST)

7315, Nov 1 at 0611, Brother Scare via WHRI has CCI from an understation. HFCC shows the PNW stations in B-16 on 7315 via VATICAN at 0330-0600, i.e. R. Tamazuñ and R. Dabanga, while WHRI is registered to start at *0430 Tue-Fri, *0530 Sat & Sun {but really not on until 0600, daily?}. But PNW should be over by 0600, extended? Only other HFCC item is day frequency 7315 of AIR Shillong, 50 kW at 76 degrees from 0415 to 1045, unlikely here and which WRTH showed not until *0656 (Glenn Hauser, OK, DX LISTENING DIGEST)

Have you heard, Stair is now putting his voice thru electronic effects? Very entertaining! (Chuck Ermatinger, MO, DX LISTENING DIGEST)

Maybe that's it; and/or very old recordings before his voice broke down after all that screaming (Glenn Hauser, OK, DX LISTENING DIGEST)

** SPAIN. Hi Glenn, Very poor signal of REE on 9690 kHz here in Mexico City (Juliñ Santiago, Enviado desde mi iPad 1744 UT Oct 30, DX LISTENING DIGEST)

Hi Julian, Good to hear from you. Yes, they should stay on 17855 in winter, at least on our weekend mornings, maybe afternoons. Obvious to us but not their frequency management. How to get through to them? 73, (Glenn to Juliñ, ibid.)

Winter B-16 frequency change of Radio Exterior de España from Oct 30 1900-2300 11685 NOB 200 kW / 161 deg WCAf Spanish Daily, ex 11530 B-15 All other frequencies remain unchanged in B-16
<http://swldxbulgaria.blogspot.bg/2016/10/winter-b-16-frequency-change-of-radio.html>
(Ivo Ivanov, QTH: Sofia, Bulgaria, dxldyg via DX LISTENING DIGEST)

9690, Oct 31 at 1959, REE is fair at S7-S9, much less than it would have accomplished if still on the A-season frequency 17855 to North America. At least by this time of day, 9690 is propagating, unlike weekends starting at 1500! Accurate timesignal at 2000 and into news in Castilian (Glenn Hauser, OK, DX LISTENING DIGEST)

** SPAIN. PUSH TO TWEAK TIME ZONE GAINS MOMENTUM IN SPAIN

By RAPHAEL MINDER OCT. 29, 2016
<http://www.nytimes.com/2016/10/30/world/europe/spain-time-zone.html?ref=todayspaper>

MADRID -- The Rodgers and Hart song "I Didn't Know What Time It Was" has nothing to do with time zones, but it may soon resonate for many Spaniards.

On Thursday, the regional Parliament of Valencia voted unanimously to put an end to the seasonal practice of moving back the clocks by one hour, which Spain and other European countries on Central European Time will do on Sunday. It argued that there were clear benefits to the extra hours of afternoon sunlight.

A similar decision took place two days earlier in the Balearic Islands, which lie off the Spanish mainland's eastern coast. Separatist politicians in Catalonia have also been pushing for such a change in their region.

Nearly all of the Iberian Peninsula lies west of the Greenwich meridian, established in the 19th century to divide the world into time zones. But because of a political decision made in 1940 by Gen. Francisco Franco, Madrid not only shares the same time as Bratislava, the Slovak capital, more than 1,500 miles east, but is an hour ahead of Lisbon, about 400 miles west. Franco ordered the clocks moved one hour ahead to align Spain with Nazi Germany, his ally, rather than Britain.

Various proposals have been put forth in different regions of Spain. Some have argued that restoring Greenwich Mean Time, now known as Coordinated Universal Time, would put more distance between modern Spain and the long Franco dictatorship.

In their declaration, the Valencia lawmakers defended the social and health benefits of using an extra hour of sunlight to promote outdoor activities and "family life outside the home," once parents finish work. Studies have also shown that Spain could save about \$330 million a year in electricity costs by making better use of sunlight.

And hoteliers and others in the tourism industry argue that abbreviated winter afternoons cut short business opportunities.

Yet any final decision, which must be made at the national level, will not be taken lightly in a country whose unity has been challenged by the secessionist movement in Catalonia, and whose central government is paralyzed by a fragmented Parliament.

Outside Catalonia, many people seem reluctant to further complicate matters by possibly splitting mainland Spain into different time zones. (The Canary Islands, however, already operate on a one-hour time difference to reflect the Atlantic archipelago's distance from the mainland.)

In April, Mariano Rajoy, Spain's caretaker prime minister at the time, said he would be ready "to change the hour usage," an idea that was first proposed by nationalists in his own northwestern region of Galicia, but that Mr. Rajoy's conservative party had long ridiculed.

Mr. Rajoy made that statement during an election campaign. It remains to be seen whether now that he is forming a new government, he will be ready to embrace the spirit, both literally and figuratively, of Bob Dylan's "The Times They Are A-Changin'."

A version of this article appears in print on October 30, 2016, on page A12 of the New York edition with the headline: Push to Tweak Time Zone Gains Momentum in Spain (via Mike Cooper, DXLD)

** SRI LANKA. 17650.042, AWR Trincomalee, very odd frequency, trumpet AWR hymn, ID at 0130 UT, S=7 local Trinco Sri Lanka TX signal zone, fluttery sig (Wolfgang B.schel, morning 0100-0140 UT Nov 1st log of remote SDR in Sri Lanka, thanks Victor 4S7VK in Piliyandala, Ceylon, dxldyg via DX LISTENING DIGEST)

** SRI LANKA. Reception of Sri Lanka Broadcasting Corporation / City FM on Oct 31:
1630-1830 11750 TRM 125 kW / 345 deg N/ME Sinhala but 1710 no signal
<http://swldxbulgaria.blogspot.bg/2016/11/reception-of-sri-lanka-broadcasting.html>
(Ivo Ivanov, QTH: Sofia, Bulgaria, dxldyg via DX LISTENING DIGEST)

** SUDAN. 7205even, Sudan Radio, Omdurman, proper carrier of S=9+20dB at 0452 UT, on Oct 28, b u t VERY LOW MODULATION though. [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang B.schel, Morning log 0445-0640 UT on Oct 28, Logged in southern Germany, wwdxc BC-DX TopNews, dxldyg via DX LISTENING DIGEST)

** SUDAN SOUTH [non]. BELGIUM(non), B-16 frequency change of Eye Radio (former Sudan Radio Service), Oct 30
0400-0500 NF 7250 ISS 250 kW / 130 deg to EaAf Arabic/English*, ex 11730 in A-16
1600-1700 on 17730 ISS 250 kW / 130 deg to EaAf Arabic/English*, remain unchanged
*including other langs Dinka; Nuer; Shilluk; Bari; Zande; Lutoho. Videos tomorrow
<http://swldxbulgaria.blogspot.bg/2016/10/b-16-frequency-change-of-eye.html>
(Ivo Ivanov, Sofia, Bulgaria, dxldyg via WORLD OF RADIO 1850, DXLD)

** SWAZILAND. 6130, TWR, 1950 usual musicbox IS between programs, then M with ID, then different M briefly another ID, and music. Video of the reception can be found at
<https://youtu.be/YjhSD-e2nCM>

(Dave Valko, Dunlo PA, 25 October 2016 Micro-DXpedition: RX: Perseus SDR, ANT: 313i Beverage (BOG) aimed at 60 . Solar Indices: Solar Flux = 78, A Index = 60!! K Index = 5, G3 level storms!! A7 X-Ray flux, HCDX via DXLD)

Schedule for the winter season TRANS WORLD RADIO - MANZINI, SWAZILAND
BROADCAST SCHEDULE, B-16 30th October 2016 - 25th March 2017

TIME/UTC	DAYS	LANGUAGE	MB	FREQ	PWR	ANT	AZI	Target
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Morning Ndebele/English 3200 kHz block terminated:

0255-0325	12345..	Ndebele	90	3200	50	8	3	Zimbabwe
0255-0310	.....6.	Ndebele	90	3200	50	8	3	Zimbabwe
0255-0325	.....7	English	90	3200	50	8	3	Zimbabwe

0255-0325	12345..	Shona	90	3240	50	6	3	Zimbabwe
0325-0340	1234567	Ndau	90	3240	50	6	3	Zimbabwe
0342-0357	.....6.	Lomwe	60	4775	50	8	3	Mozambique

The morning German shortwave is terminated:

0400-0430	12345..	German	90	3200	50	9	233	South Africa
0400-0500	.....67	German	90	3200	50	9	233	South Africa
0400-0430	12345..	German	60	4775	50	4	233	South Africa
0400-0500	.....67	German	60	4775	50	4	233	South Africa

Instead:

0430-0500	12345..	English	90	3200	50	9	233	South Africa
0430-0700	12345..	English	60	4775	50	4	233	Southern Africa
0500-0700	.....67	English	60	4775	50	4	233	Southern Africa
0501-0700	1234567	English	49	6120	50	4	233	Southern Africa

1400-1415	1234567	Urdu	19	15360	100	103	43	Pakistan
1420-1435	1234567	Lomwe/Port	41	7315	100	11	5	NoMozambique
1420-1450	1234567	Makua(WoH)	41	7315	100	11	5	NoMozambique
1420-1455	1234567	English	49	6025	50		3	Zimbabwe
1455-1525	1234567	Shona	49	6025	50		3	Zimbabwe
1455-1525	12345..	Malagasy	31	9585	100	3	64	Madagascar
1440-1525	.....67	French	31	9585	100	3	64	Madagascar
1525-1555	12345..	Shona	49	6025	50		3	Zimbabwe
1557-1627	12345	KiRundi	19	15105	100	13	10B	Burundi
1630-1645	.2.....	Shangaan	60	4760	50	6	3	SoMozambique
1630-1645	.....6.	Portuguese	60	4760	50	6	3	SoMozambique

1630-1645	1.....7	Amharic	25	11660	100	10B	13	Ethiopia
1630-1645	.2.....	Oromo	25	11660	100	10B	13	Ethiopia
1630-1700	..34...	Oromo	25	11660	100	10B	13	Ethiopia
1630-1645	....56.	Kambaata	25	11660	100	10B	13	Ethiopia
1645-1700	123....	Oromo/Borana	25	11660	100	10B	13	Ethiopia

1645-1700	....56.	Hadiya	25	11660	100	10B	13	Ethiopia
1645-1700	.....7	Oromo	25	11660	100	10B	13	Ethiopia
1700-1730	12345.7	Amharic	25	11660	100	10B	13	Ethiopia
1700-1715	.....6.	Amharic	25	11660	100	10B	13	Ethiopia
1715-1800	.....6.	Oromo	25	11660	100	10B	13	Ethiopia
1730-1800	12345..	Oromo	25	11660	100	10B	13	Ethiopia
1730-1830	.....7	Amharic	25	11660	100	10B	13	Ethiopia
1700-1730	1234567	Yawo	41	7300	100	6	3	Malawi/NoMOZ
1745-1815	1234567	Swahili	31	9475	100	11	5	East Africa
1800-1830	1234567	Zulu	MW	1170	50	MW	ND	Swaziland
1830-2155	1234567	English	MW	1170	50	MW	ND	Southern Africa
1802-1832	12345..	English	31	9500	100	10B	13	East Africa
1802-1902	.....6.	English	31	9500	100	10B	13	East Africa
1832-1847	12345..	Juba Arabic	31	9500	100	10B	13	East Africa
1834-1850	.....7	Swahili	31	9500	100	10B	13	East Africa
1820-1850	12345..	Umbunbu	49	6130	100	1	312	Angola
1850-1905	12345.7	Umbunbu	49	6130	100	1	312	Angola
								Yeva Ondaka
1850-1905	.....6.	Chokwe	49	6130	100	1	312	Angola
1905-1920	1.....7	Portuguese	49	6130	100	1	312	Angola
1905-1920	..3....	Luchazi	49	6130	100	1	312	Angola
1905-1920	...4...	Luvale	49	6130	100	1	312	Angola
1905-1920	....5..	Fiote	49	6130	100	1	312	Angola
1905-1920	.....6.	Umbundu	49	6130	100	1	312	Angola
								Yeva Ondaka
1905-1920	.....7	KiKongo	49	6130	100	1	312	Angola
1920-1950	12345..	Portuguese	49	6130	100	1	312	Angola
1920-2005	.....6.	Portuguese	49	6130	100	1	312	Angola
1920-1935	.....7	Kuanyama	49	6130	100	1	312	Angola
1950-2005	12345..	Kimbundu	49	6130	100	1	312	Angola
1905-1935	1234567	Lingala	31	9940	100	101	343	D R Congo
1935-1950	1234567	French	31	9940	100	101	343	D R Congo

Explanation:

DAY is the day of the broadcast 1 is Monday etc. & 7 is Sunday

FREQ is the frequency in kilohertz

MB is the metreband

PWR is the power of the transmitter in kilowatts

AZI is the direction of the antenna

Local times are:

Kenya UTC+3 Ethiopia UTC+3 Somalia UTC+3

Tanzania UTC+3 Sudan UTC+2 Mozambique UTC+2

Angola UTC+1 Zimbabwe UTC+2 DRC UTC+1

Notes:

Morning Ndebele language block terminated.

Changed the Evening Zimbabwe block to 6025 kHz.

The morning German language shortwave is terminated.

Morning English - frequency change at 05h00 UT from 3200 to 6120 kHz.

As from 7th August the Morning English signs off at 0700 UT.

The Southern Mozambique block changes to the 60mb. 4760 kHz

The evening Northern Mozambique now seven days a week again.

Evening Ethiopia block moves from 11700 to 11660 kHz.

[non]. Other TWR Africa SW Broadcasts via Grigoriopol-Maiac
Pridnestrovye, and Al Dhabbaya-UAE relays.

BROADCAST Schedule for the winter season TRANS WORLD RADIO
B-16 30th October 2016 - 25th March 2017

TIME/UTC	DAYS	LANGUAGE	MB	FREQ	PWR	AZI	Target	
0330-0345	...45..	Sidamo	41	7225	300	155	Ethiopia	KCH
0330-0345	12...6.	Amharic	41	7225	300	155	Ethiopia	KCH
0330-0345	..3....	Oromo	41	7225	300	155	Ethiopia	KCH
1300-1315	1...567	Afar	16	17680	250	230	Ethiopia	DHA
1630-1700	.234567	Somali	25	11635	300	160	Kenya / Somalia	KCH
1630-1645	1.....	Somali	25	11635	300	160	Kenya / Somalia	KCH
1800-1830	1.....	Kunama	41	*7480	300	157	Eritrea	KCH
1830-1900	1.....	Tigrinya	41	*7480	300	157	Eritrea	KCH
1800-1830	.....7	Tigre	41	*7480	300	157	Eritrea	KCH
1830-1815	.2345..	Tigrinya	41	*7480	300	157	Eritrea	KCH
1815-1845	.23456.	Tigrinya	41	*7480	300	157	Eritrea	KCH

{* KCH 7480 kHz seems faulty given fq, latter is rather a Farsi Iran
116deg target sce Radio Payem e-Doost (Bahai religion) via Grigoriopol
Maiac-MDA bcast center. HFCC database list give TWR Africa 7245 kHz
channel instead, wb.}

Local times are:

Kenya	UTC +3hr	Ethiopia	UTC +3hr	Eritrea	UTC +3hr
Chad	UTC +1	Somalia	UTC +3	Tanzania	UTC +3
Nigeria	UTC +1	Sudan	UTC +2	Ghana	UTC +0
Liberia	UTC +0	Cameroon	UTC +1		

Note: Morning Ethiopia blocks moves to 41mb.

The Somali Block moved from 15105 kHz to the 41mb. {sic, 25mb}

The Eritrea Block moved from 9940 kHz to 7245 kHz.
Changed days to be Sunday 1 as per HFCC / ITU.
(TWR Africa; via Dmitry Puzanov-RUS, deneb-radio-dx; via MIDXB #1016,
via Fedor Brajnikov <rusmidxb -at- mtu-net.ru> Nov 1 via BCDX 1
November via DXLD)

** SWEDEN. Obituary --- One of Sweden's most famous DX-ers passed away on October 20, 2016: Björn Fransson, who lived with his DX-shack in Visby on the island of Gotland. He began DX-ing in 1957 and has been a regular listener since then, concentrating on domestic stations, particularly African, and hobby-pirates on short- and mediumwaves. He became an active member in the DX-Alliance and wrote regular articles in Eter-Aktuellt, later DX-Aktuellt. He also joined the Shortwave Bulletin, Arctic Radio Club, DXLD and in 1982 the DSWCI as member no. 2248. It is just one month ago, since Björn sent me a message, saying that he was dying by incurable cancer and cancelled further DX-Windows. I thanked him for many years of good cooperation. We all remember his ending of articles - "73 from Björn Fransson, DXing on the island of Gotland, Sweden - RIP (Anker Petersen, DSWCI DX Window Nov 2 via DXLD)

** TAIWAN [non-log]. 9410, Fu Hsing BS. For a long time now it had been possible for me to hear Taiwan (when they were broadcasting, which was not daily) in the *1100-1300* time period. Unfortunately on Oct 30, the new B16 schedule started, resulting in my hearing CNR5 here (scheduled *1000-1705*), thence blocking any chance of my hearing Taiwan. 9774 continues their long standing silence (Ron Howard, Calif., dxldyg via DX LISTENING DIGEST)

** TAIWAN. 9464.996, Korean language, Babcock brokered "Wind from Japan - il bon ue baram", acc Aoki Nagoya database via Paochung TWN site, 1300-1330 UT on Oct 30, observed on Tokyo Japan remote DR unit (Wolfgang B,schel, df5sx, wwdxc BC-DX TopNews Oct 30, dxldyg via DX LISTENING DIGEST)

** TAIWAN.
15070.212 TWN SOH Chinese, S=4 0100 UT
15359.986 TWN SOH Chinese, S=5-6 0107 UT
15869.945 TWN SOH Chinese, S=5 0118 UT
(Wolfgang B,schel, morning 0100-0140 UT Nov 1st log of remote SDR in Sri Lanka, thanks Victor 4S7VK in Piliyandala, Ceylon, dxldyg via DX LISTENING DIGEST)

** TAJIKISTAN [and non]. Weak to fair signal of Voice of Tajik Oct 27 1300-1400 on 7245 DB 100 kW / non-dir to CeAs English, plus QRM at same time 7240 LHA 100 kW / 290 deg to EaAs Chinese PBS Xizang <http://swldxbulgaria.blogspot.bg/2016/10/weak-to-fair-signal-of-voice-of-tajik.html>

(Ivo Ivanov, QTH: Sofia, Bulgaria, dxldyg via DX LISTENING DIGEST)

** THAILAND. 15589.95, Oct 30 at 0020, very poor in English, so HSK9 has not yet made B-16 switch to 13745 for so-called North American service. RHC is still on 13740 tonight, but barely with degraded propagation (Glenn Hauser, OK, DX LISTENING DIGEST)

Even under the worst conditions. I get a mushy noisy signal with at least some audio bubbling up above the noise. Absolutely nothing from Radio Thailand on 13745 kHz at 0000 UT on 11/3/16 (11/2/16, 4 pm local time)

On their 0000 UT broadcast for English on 13745 kHz, I had some side chatter from Cuba on 13740, but Thailand was most definitely there on 13745 (Paul Walker, Alaska, Hard-Core-DX mailing list via DXLD)

! There he is totally contradicting himself in adjacent paragraphs (Glenn Hauser, OK, DX LISTENING DIGEST)

Paul, conditions are miserable. There's a faint signal on 13745 now, but too weak to be sure it's from Thailand. 73, (Walt in Victoria, BC, Salmaniw, 0040 UT Nov 3, IRCA via DXLD)

** TINIAN. 15700, MRA, RFA Tinian, Burmese at 0115 UT, \\ 17510 kHz, some wobbling like whistle tone, but I guess not jamming, rather IBB transmitter audio wobbling fault (Wolfgang B.schel, morning 0100-0140 UT Nov 1st log of remote SDR in Sri Lanka, thanks Victor 4S7VK in Piliyandala, Ceylon, dxldyg via DX LISTENING DIGEST)

** TURKEY [and non]. 6080, Oct 30 at 0402, JBA carrier from presumed VOT on new B-16 frequency for English to N America --- but propagation is horrible tonight, so even moving two bands down from 9515 is not enough. At 0300, K index was 4, amid G-1 geomagnetic storms.

Oh2, in A-16, VOA English via SAO TOME was on 6080 during this hour and audible here --- and it is STILL registered on 6080 for B-16, as well as the late change by Turkey! So 6080 was not such a great choice after all for TRT. A quick look at HFCC as of Oct 28 shows 6075 would be open that hour (tho CFRX 6070 might be bothered, and HFCC boycotter CUBA might be planning to go back on 6075; but Turkey could beat them to it; if still on 6080, Cuba 6075 would then be an ACI problem). (Glenn Hauser, OK, WORLD OF RADIO 1850, DX LISTENING DIGEST)

!!!!!! hope so too, but seemingly only half power at present ? wb

> propagation is horrible tonight,
> so even moving two bands down from 9515 is not enough.
> At 0300, K index was 4, amid G-1 geomagnetic storms.

Ham operators within nearby Europe/Germany couldn't work above 2.7 MHz, i.e. no nearby propagation in 3600 -3900 kHz range. But I noticed AIR India festival here in Germany, of easterly signals, log 0200-0300 UT Oct 30. 73 wb df5sx (Wolfgang B,schel, dxldyg via DXLD) INDIA

12035, Oct 30 at 1327, no signal yet from VOT on winter English frequency, ex-15450 at 1230; 1329, now S3 with VOT IS, 1330 accurate timesignal, but far too weak, despite alleged 500 kW, at 310 degrees toward UK and US. Yet ROMANIA has managed to put a good signal into here on 11945 with its IS until 1327*, and that's 300 kW, 140 degrees in Arabic! Long path? (also 9610, see ROMANIA)

5960, Oct 30 at 2257 past 2300, no signal from VOT on reactivated B-16 frequency for English to North America. Must be late coming up, not unusual for the slipshod operators at Emirler. Recheck at 2328, now it's on at fair S9 level, really 5960.017, off-frequency plus also being typical.

9650, Oct 30 at 0232, very poor S3 signal is one of few barely propagating on band, enough to recognize the ``Pregunta del Mes`` theme music from VOT, Spanish now an hour later and on different B-16 frequencies, the other being 9410 but not checked; should be weaker aimed further south, like ex-9870 compared to ex-9770, at ex-0100+.

5960, Oct 31 at *2300.5, VOT cuts on late, joining in progress (JIP) modulation from about 2300.7 in English to North America, very poor with flutter. Depriving us of any interval signal prÈlude.

6080, Nov 1 at 0401, fast SAH from two weak stations, but VOT-like intonation slightly atop, no doubt new +frequency for other English to North America colliding with VOA S,,o TomÈ, which did not stop using it at the end of A-16, and thus should not have been selected by TRT for B-16 (Glenn Hauser, OK, WORLD OF RADIO 1850, DX LISTENING DIGEST)

** UGANDA [non]. 15240, Sat Oct 29 at 1608, since I have UTwente SDR up, check for R. Munansi via WWRB: yes, hlife music but very poor. Then checking 15240 on my own receiver at 1609: same music and merely poor. Presumably will get down to anti-MusÈveni business by 1700 (Glenn Hauser, OK, DX LISTENING DIGEST)

** U A E. 15359.984, One of the odd frequency units at Al Dhabbaya ME, US Mashaal Radio Pashto language sce, 04-07 UT, S=8 sidelobe signal in Doha Qatar. At 0622 UT on Oct 28.

15420.124, Another odd frequency unit at Al Dhabbaya ME, heard at 0625 UT on Oct 28, S=8, BBC English service. [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang B,schel, Morning log 0445-0640 UT

on Oct 28, Logged in Doha Qatar Middle East remote SDR unit, wwdxc BC-DX TopNews, dxldyg via DX LISTENING DIGEST)

** U K. BBC MONITORING SHOULD BE PAID FOR BY GOVERNMENT - MPs
<http://home.bt.com/news/uk-news/bbc-monitoring-should-be-paid-for-by-government-mps-11364108889810>

The Government is being urged by MPs to take back responsibility for funding BBC Monitoring - which translates and analyses news and information from around the world - to stave off planned cutbacks.

Press Association Last updated: 29 October 2016, 01:20 BST

The Government is being urged by MPs to take back responsibility for funding BBC Monitoring - which translates and analyses news and information from around the world - to stave off planned cutbacks.

The Commons Foreign Affairs Committee said the service - originally founded in 1939 to monitor Second World War propaganda - was one of the Foreign Office's "key sources of information" and should be paid for by the taxpayer.

Under the terms of agreement announced in then chancellor George Osborne's 2010 spending review, responsibility for funding Monitoring passed from the Government to the BBC in 2013.

However a -£4 million shortfall in the finances means it is now facing the loss of 96 staff with the closure of 40% of its posts in the UK and 20% of those abroad.

The committee said the transfer of responsibility for funding the service had been taken for "presentational" reasons and should be reversed.

"The Foreign and Commonwealth Office needs to be the eyes and ears of the UK abroad, picking up signals and undercurrents which help to indicate where the tide is flowing, spotting where threats to the UK's security and other interests may surface, and helping to form policy on how the UK should handle those threats.

"BBC Monitoring is one of its key sources of information," it said.

"The taxpayer is the main beneficiary of BBC Monitoring's work, not the licence fee payer; and logically the taxpayer should fund it.

"There is no good reason why the Government should expect to have the benefit of a product which is key to policy-making without providing funding for it."

The BBC said it welcomed the committee's support for the work of BBC Monitoring and was "confident" it would continue to meet the Government's needs after the service's restructuring.

"We will continue to honour the licence fee agreement from 2010. However, if the UK Government decided there would be benefits in offering additional direct funding to BBC Monitoring, we would be happy to consider this," a BBC spokeswoman said (via Mike Cooper, DXLD)

Jon Collins, Birmingham, says the Guardian also covered this, but no link provided (gh)

** U K [and non]. 5925, ASCENSION, BBC English to AF, S=8 or -81dBm in MI-US. Political comment report on Somali situation, 05-06 time slot, but stronger signal on BBC ASC 6005 kHz channel at S=9+10dB, and from 06-07 UT on 7445 kHz same signal [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang B. schel, Morning log 0445-0640 UT on Oct 28, Logged in US Detroit Michigan remote SDR unit wwdxc BC-DX TopNews, dxldyg via DX LISTENING DIGEST)

Winter B-16 frequency changes of BBC from Oct 30
<http://swldxbulgaria.blogspot.bg/2016/10/winter-b-16-frequency-changes-of-bbc.html>
(DX RE MIX NEWS #976 from Georgi Bancov and Ivo Ivanov, November 1, 2016 via DXLD)

** U S A. 4710, WPII600, Glastonbury, CT, TIS (3 X 1570 harmonic) ID by M starting the loop announcement at 2106:45. Did catch phone number and website earlier. Very fady. First time heard since 6 Sept. and surprised it made it again. 73 (Dave Valko, Dunlo, PA, USA, 26 October 2016 Micro-DXpedition: RX: Perseus SDR, ANT: 313i Beverage (BOG) aimed at 60 . Solar Indices: Solar Flux = 78, A Index = 48, K Index = 5, G2 level storms. A7 X-Ray flux, Hard-Core-DX mailing list via WORLD OF RADIO 1850, DXLD)

** U S A. 5058.5, Nov 1 at 0147 and 0205, WI2XJP, LOWFER beacon in WAYLAND MA, better than before with slow CW ID marker. Fortunately, 5050 WWRB is not splashing this far, and also far enough from the 5072/5085/5098 WTWW signals (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. Re: MARS COMMUNICATION EXERCISE BROADCAST SUNDAY

W2TFM refers to "30 OCT AT 2300 HOURS." This is apparently EDT.
According to this ARRL news item ...

<http://www.arrl.org/news/mars-amateur-radio-interopability-exercise-to-test-very-bad-day-scenario>

... the first transmission is October 31 UT at 0300 UT on 5330.5 kHz
(Kim Elliott, Oct 30, dxldyg via DX LISTENING DIGEST)

5330 USB. Loud and clear at 0310 UT, AAM3 and AAM9 (Dino Bloise,
Miami, FL, Oct 31, ibid.)

Received here in Spain also. Very weak at the beginning. AAM3 readable
around 0320Z, AAM9 around 0340Z. 73! (Mauricio Molano, Salamanca,
ESPA-A - SPAIN,

RX site: Aldea del Cano, C.ceres.

LAT: 39°17'09.70 N LONG: 6°19'00 W

RX: PERSEUS. ANT: WELLBROOK ALA1530S+

<http://moladx.blogspot.com/> Oct 31, ibid.)

Weak but mostly clear signals received in Hanwell, NB, from both AAM3
(bit stronger) and AAM9. Do we know the exact locations of these
stations? (-- Richard Langley, Oct 31, ibid.)

** U S A. 5330.5-USB, UT Nov 1 at 0150, MARS station AFA6JB is
coordinating contacts with hams on one of their ``60 meter`` channels.
Only here, it seems, can MARS legally operate on exactly same ham
frequency rather than ``crossband``.

There was a big event promoting this yesterday, but they are doing it
{rather, something related?} again tonight, and beyond? AFA6JB
mentions Roosevelt something, maybe a clue to his location? Anyhow,
somewhere in MARS Region 6.

YL ham Mindy, W7ZAP, from Curry County, Oregon, is heard first. Each
ham is asked about ``conditions`` where they are --- normal. Another
YL, this time a MARSian, AAR6BB, apparently in TX joins in, and helps
relay inaudible contacts to AFA6JB. All except `JB speak very pro-
forma rather than extemporaneously. They are thanked for
``participating in the exercise``. When one contact is over, there is
a pileup of more stations calling in on same frequency. It seems HQ
wants only one contact from any county. `JB also specifies the time
each one is logged in, and his clock is 4 minutes fast! Still going at
0215.

Dan Srebnick originally tipped the DXLDyg about this on Friday Oct 28:

``[dxld] MARS Communication Exercise Broadcast Sunday --- There is a
MARS communication exercise taking place this weekend. As part of the
exercise, a MARS station on the east and west coasts will broadcast a
bulletin which will be verified by a QSL. Please see the notice below:

A HIGH POWER 60 METER BROADCAST WILL BE MADE TO THE AMATEUR RADIO
COMMUNITY THIS SUNDAY 30 OCT AT 2300 HOURS ON 5330.5 USB (60 M). IT

WILL REPEATEDLY RUN A 5 MINUTE BROADCAST FOR AN HOUR ALTERNATING BETWEEN AN EAST COAST AND WEST COAST STATION. THE BROADCAST WILL INSTRUCT AMATEUR RADIO STATIONS TO MAKE CONTACT WITH A MARS STATIONS ON 60 METER CHANNELS (INCLUDING 5330.5 USB) AND REPORT LOCAL CONDITIONS. AMATEUR RADIO OPERATORS WHO RECEIVE THE HIGH POWER 60 METER BROADCAST WILL ALSO RECEIVE A QSL CARD BY ENTERING A RECEPTION REPORT ON THE WWW.USARMYMARS.ORG WEBSITE. Carver W2TFM MARS Region 2 (NY & NJ) Director, AAA2RD``

How high power? Google search on call AFA6JB gets one hit to a blog:
<https://www.facebook.com/groups/100wattsandawire/>

``You can work 2 MARS stations right now on 5.330.50Mhz. Theres AFA6JB and AAR6BB. Go get em!`` but time not shown and the original is too far down the page to reach in this active forum. At the top:

``PINNED POST News Feed Christian Cudnik 4 hrs --- Episode 70 of the 100 Watts and a Wire [Podcast] is posted. Please share it with others, and remind them to subscribe. You can also have the show delivered directly to your smart phone or device by using one of the many podcast applications. Enjoy. K0STH 100`` (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. Re: VOA Radiogram, 24-25 January 2015 <=== ("halo"= intermod 2nd order with 360 Hz hum)

Am 23.01.2015 um 05:52 schrieb VOA Radiogram:

>Hello friends, Many of you have had problems with the Fldigi RxID. It correctly identifies the MFSK32 mode, but sets the audio frequency to somewhere between 1100 and 1200 Hz rather than the actual 1500 Hz center frequency. I've noticed this phenomenon for over a year, but it might be more prevalent in newer versions of Fldigi.

If you are receiving a strong signal from the North Carolina transmitter, there is often a "halo" above and below the 500-Hz-wide trace of the MFSK32 signal. You can see this in a screenshot sent by Jonathan in Ontario ...

<http://voaradiogram.net/post/108921423812/voa-radiogram-24-25-january-2015-will-include-a>

I think the Fldigi RxID latches on to the first thing it encounters that looks like an RSID, which would be the halo to the left (lower in frequency) of the actual MFSK32 signal. That halo is enough to activate the RxID, but not enough to receive actual text.

Roger: =====>

https://www.dropbox.com/s/v2b2nj7bzrxslo/2016-10-22_VOA%205745-120Hz-360Hz-intermod.png?dl=0

I think this collage explains the corresponding phenomenon well. The origin is a dirty voltage conditioning due to poor signal processing filtering (aging of defective filter capacitors).

The strongest humming signal of 360 Hz produces a second-order intermodulation of +/- 360 Hz regarding the corresponding audio frequency. This means that all digital signals less than 360 Hz bandwidth are decoded well, like the "ghost RSIDs". MFSK32 is however too wide; there are destructive overlaps. MFSK16 with 316 Hz BW would work, despite 18 dB under original signal.

Thanks to Georg, who gave me similar thoughts (roger, dxldyg via DXLD)

** U S A. 15220 // 11720, Friday Oct 28 at 2005, VOA KriyÚl is back! I don't bandscan every day at this time, and assumed it was staying off since Kim Elliott told us its final day was Oct 14. Has it been back since then, or M-F only? Or ad-hoc, maybe on, maybe not? The two frequencies are synchronized from Greenville, presumably again at 2000-2030 UT only.

15220 // 11720, Saturday Oct 29 at 1959, having heard VOA Kriyol yesterday, I'm checking again, and indeed Greenville is signing on, but 2000 news in English, 2005 VOA One ID and pop music in English, 2009 DJ Larry London who acts as if he likes this stuff ---- and not a mot of kriyÚl to 2030 cut-off tune in progress for YDD sign-off. 15220 has been a solid S9+10 while 11720 faded between S9 and S7. BTW, these do NOT appear in HFCC A-16 or B-16 as of October 28. Perhaps there is no Creole programming produced on weekends, but they keep the transmitters running anyway? It would be more helpful to the Haitians to duplicate VOA in real French at the same hour on 15730 & 17530, but receptionwise, hardly necessary as those two from Greenville to Africa likely boom into Haiti as well. Then I find this note from a John:

``Glenn, I'm in Central Florida and I've noted the VOA in Creole between 2000 and 2030 Monday-Friday for the last week and a half, with English broadcasts on Saturday and Sunday. Frequencies remain 11720 and 15220 kHz. Signals are always very strong here, S9 +50 on 11720, S9 +10 on 15220 kHz. I don't know how long these transmissions will continue for. My regards, John``.

11720, Oct 31 at 2003, VOA KriyÚl is S5-S9 // 15220 at S6-S8, undermodulated at tune-in, then they turned it up to normal level (Glenn Hauser, OK, WORLD OF RADIO 1850, DX LISTENING DIGEST)

** U S A [non]. 12075, Oct 31 at 2007, pop music at S7, // 15730 GB,

so it's VOA French, 100 kW, 350 degrees from BOTSWANA at 1830-2030.
HFCC B-16 shows 12075 is used only by IBB from many diverse sites and
hours: also Kuwait, UK, Vatican, Thailand, S,,o TomÉ (Glenn Hauser, OK,
DX LISTENING DIGEST)

** U S A. 7305, Nov 1 at 0134, open carrier already on from GB, during
the one hour Radio Martí is on jammed 7365, but no leapfrog mixing
product detectable on 7425. I suspect sometimes a different
transmitter and/or antenna is involved which do not mix. 0145, starts
VATICAN relay in Spanish, still extant on 7305, violating Separation
of Church & State, and still no 7425. At 0200, RM switches now to
7435, which would put the leapfrog on new 7565, but at 0222 check, no
carrier detectable there, in splash of 7570 WRMIBS (Glenn Hauser, OK,
DX LISTENING DIGEST)

** U S A. WORLD OF RADIO 1849 monitoring: confirmed Thu Oct 27 at 2130
on WRMI, 13695, very good; also confirmed Thu Oct 27 after 2330 on
WBCQ 9330v-CUSB; also confirmed Fri Oct 28 at 2330 on WBCQ, 9329.986v-
CUSB, S9. Next:

Sat 0630	HLR 6190-CUSB to SW
Sat 0800	Unique Radio NSW 3210 ND
Sat 1300	Unique Radio NSW 3210 ND
Sat 1430	HLR 7265-CUSB to SW
Sat 1930v	WA0RCR 1860-AM ND
Sat 2230	WBCQ 9330v-CUSB to WSW
Sun 0310v	WA0RCR 1860-AM ND
Sun 0830	Unique Radio NSW 3210 ND
Sun 2330	WBCQ 9330v-CUSB to WSW
Mon 0300v	WBCQ 5130v Area 51 to WSW
Mon 0330	WRMI 9955 to SSE
Mon 2330	WBCQ 9330v-CUSB to WSW
Tue 0030	WRMI 7730 to WNW [ex-Mon 0030]
Tue 1100	WRMI 9955 to SSE
Tue 2130	WRMI 15770 to NE
Tue 2330	WBCQ 9330v-CUSB to WSW
Wed 1315.5	WRMI 9955 to SSE
Wed 2100	WBCQ 7490v to WSW
Wed 2330	WBCQ 9330v-CUSB to WSW

We also welcome a new WORLD OF RADIO affiliate, a webcasting station
from Poland, Radio DHT, with Dance, Hands-up and Trance music, but
Patrik Faliszewski has invited WOR to be heard as well, Saturdays and
Sundays at approx. 12:10 pm Polish time, which means Oct 29 at 1010
UT, and from Oct 30 onwards, at 1110 UT. You may also enjoy the music
even if you don't speak Polish. ``We are a small, yet developing
internet station broadcasting mainly 90's Eurodance, Eurobeat, and at
late hours U.T, the Hands-up and trance music``. Patrik says most of
the staff is totally or partially blind. Details (in Polish) and audio

link at

<http://www.radiodht.com>

(Glenn Hauser, OK, DX LISTENING DIGEST)

World of Radio via HLR on 6190 kHz, Oct.29

<http://swldxbulgaria.blogspot.bg/2016/10/reception-of-hamburger-lokalradio-on.html>

-- 73! (Ivo Ivanov, QTH: Sofia, Bulgaria, Equipment: Sony ICF-2001D 30

m. long wire, dxldyg via DX LISTENING DIGEST)

World of Radio##1849

0630-0700 6190 G0H 001 kW / 230 deg to CeEu English Sat till Oct 29

<https://www.youtube.com/watch?v=tvor6RX9Tbo>

World of Radio##1850

0730-0800 6190 G0H 001 kW / 230 deg to CeEu English Sat from Nov 05

Sufficient if noisy reception on his recording. I see the receiver is tuned to 6190.2 for proper SSB demodulation --- is rx off or transmitter off-frequency? (gh, DXLD)

At 18:16 29/10/2016, you wrote:

>GERMANY. 6190, Oct 29 at 0620, NO signal from Hamburger Lokalradio, or anything. Tho at 1 kW certainly intended only for Europe, I've long been desirous of picking up this longtime WORLD OF RADIO affiliate directly. WOR coming up at 0630 after Switzerland in Sound. Today was my best chance propagationally before the time shift next week to one hour later, WOR at 0730. In B-16, co-channel QRM will also resume from BBC via South Africa until 0800, which we hope will have faded out in Europe by 0730.

7265, Oct 29 at 1414, via UTwente SDR, NO signal from HLR other frequency either, so suspected not on, during Media Network Plus, nor at further chex before 1500 for WORLD OF RADIO at 1431 (which from next week will be at 1531, and once again colliding with CRI English via Kashgar, East Turkistan at 1400-1600, 174 degrees for S Asia, but in winter also a blocker for HLR in Europe.) Now there is ACI from 7270 and also something on 7260 (Glenn Hauser, OK, DX LISTENING DIGEST)<

Hi Glenn, HLR was audible here in the UK this afternoon, but not very strong, looks like it was skipping over the Twente site. The signal has been very poor here on 7265 for the past few weeks, though I have managed to catch World of Radio by using USB on a few occasions.

Channel 292 [6070] also had a very strong data signal blocking out its programmes for much of this afternoon, this sounded a bit like it was military judging by the strength, though could have been deliberate.

It defied my attempts to decode it at any rate (Alan Gale, Oct 29,
dxldyg via DX LISTENING DIGEST)

WORLD OF RADIO 1849 monitoring. Altho I could not hear it via UTwente,
Alan Gale in UK confirms the Sat Oct 29 1431 UT broadcast was audible
there on 7265-CUSB, apparently skipping over the SDR in Holland. Ivo
Ivanov in Bulgaria also confirms the Sat Oct 29 at 0631 UT broadcast
on 6190-CUSB. Confirmed here the Sat 2230 broadcast on WBCQ 9330.007v-
CUSB. Also confirmed UT Sunday October 30 at 0327 on WA0RCR, 1860-AM,
MO, 6 minutes in, so started circa 0321; S9+20 and no LSB QRM, as a
big contest congesting 40m apparently is off-limits to 160. Next:

Sun 0830 Unique Radio NSW 3210 ND
Sun 2330 WBCQ 9330v-CUSB to WSW
Mon 0300v WBCQ 5130v Area 51 to WSW
Mon 0330 WRMI 9955 to SSE
Mon 2330 WBCQ 9330v-CUSB to WSW
Tue 0030 WRMI 7730 to WNW [ex-Mon 0030]
Tue 1100 WRMI 9955 to SSE
Tue 2130 WRMI 15770 to NE
Tue 2330 WBCQ 9330v-CUSB to WSW
Wed 1315.5 WRMI 9955 to SSE
Wed 2100 WBCQ 7490v to WSW
Wed 2330 WBCQ 9330v-CUSB to WSW

WORLD OF RADIO 1849 monitoring: confirmed Sunday October 30 at 2330 on
WBCQ, 9329.991v-CUSB, S9+10. Also confirmed UT Monday October 31 from
0302:05 on Area 51 via WBCQ, 5130.05, but just barely audible, and
down to only a JBA carrier at 0323. Also confirmed UT Monday October
31 at 0330 on WRMI 9955, which is also JBA at S1. K-index 3 at 0300,
solar flux only 76 for Oct 30. Next:

Mon 2330 WBCQ 9330v-CUSB to WSW
Tue 0030 WRMI 7730 to WNW
Tue 1100 WRMI 9955 to SSE
Tue 2130 WRMI 15770 to NE
Tue 2330 WBCQ 9330v-CUSB to WSW
Wed 1315.5 WRMI 9955 to SSE
Wed 2100 WBCQ 7490v to WSW
Wed 2330 WBCQ 9330v-CUSB to WSW

WORLD OF RADIO 1849 monitoring: confirmed Monday October 31 at 2330 on
WBCQ, 9330.027v-CUSB, very poor. Next:

Tue 2130 WRMI 15770 to NE
Tue 2330 WBCQ 9330v-CUSB to WSW
Wed 1315.5 WRMI 9955 to SSE
Wed 2100 WBCQ 7490v to WSW
Wed 2330 WBCQ 9330v-CUSB to WSW
(Glenn Hauser, OK, DX LISTENING DIGEST)

WORLD OF RADIO non-DST times from November 6:

WRMI: 9955: Thu 1230, Mon 0430, Tue 1200, Wed 1415.5
WBCQ: 5130 Mon 0400, 7490 Wed 2200, 9330 daily except UT Sunday 0030,
Saturday 2330
WA0RCR: Sat 2030v, UT Sun 0415v
HLR: Sat 0730 6190-CUSB, 1530 7265-CUSB
(Glenn Hauser, WORLD OF RADIO 1850, DX LISTENING DIGEST)

See fully updated schedule of all WOR emissions, including webcasters,
AM, FM, satellite:

<http://www.worldofradio.com/radioskd.html>

** U S A. 21675, Oct 27 at 1428, 'Unshackled' episode #3472 is
wrapping up on Radio Africa Network via WRMI, ID with box address in
Zimbabwe; good signal back here.

7780, Oct 30 at 0629, the PCJ Radio International special, 'From the
Archives of Radio Nederland' #4, supposed to be all about Eddie Startz
this month, is NOT airing at scheduled time of 0600-0800 on WRMI 7780
to Europe. Instead I am hearing some familiar 'World Music' default
fill, African percussion & chanting, 0632 on to another tune. Still
music at 0701 final check. This is S9+10, but off side of beam as
always much weaker here than BS on 7570 to NW at S9+50, and 7730 to
WNW at S9+30. I suppose there will be another try to make good a week
later {not}. Meanwhile, will the scheduled repeat to North America, UT
Monday October 31 at 0100-0300 on 7570, transpire? (frequency which
Keith mis-spoke on MN+ at ``7750``) (Glenn Hauser, OK, DX LISTENING
DIGEST)

Non stop instrumental music heard at tune in 0735 UT on 7780, fair
signal though, SIO 343. No IDs as yet, though (Russ Cummings,
AOR7030+, 18m long wire, North Ferriby, East Yorkshire, UK, BDXC-UK yg
via DXLD)

There is no non-stop music. The details seem off (Keith Perron, 0514
UT October 31, dxldyg via DX LISTENING DIGEST)

0752 UT Europe Hymn with English language pop sound text, S=9+15dB in
Detroit Michigan. S=7-8 -81dBm in southern Germany. 0758 UT. At 0754
UT French / English language Caribbean singer sound ... strange
program mixture. At Glory has come, ... TOM at 0800:10 UT, BURNT IN
THE FIRE, end of the World ... by detail (Wolfgang B,schel, Oct 30,
dxldyg via DX LISTENING DIGEST) That was just standard 'World Music'

My recording using the U. Twente receiver confirms the no-show of
'From the Archives of Radio Nederland' #4'. Very poor reception
initially anyway. Got somewhat better in the second hour. Let's hope

they do better tonight. Will record using my own equipment.
(Richard Langley, NB, ibid.)

Yes, in addition to the no-show for 0600-0800 UT on 7780 kHz on 30 October, there was only world music and some Brother Stair between 0100 and 0300 UT on 7570 kHz on 31 October. What's going on? This is not the first time we've had a screw-up with PCJ programming on WRMI. We lament that SW is going down the tubes but not getting schedules right doesn't help (-- Richard Langley, ibid.)

11580, Sunday Oct 30 at 1441, preaching other than TOM on WRMI-1, since 'Worship in your Home' is on sked grid as Sundays only 1300-1500, but doesn't show what occurs rest of week, which as we hear, is really World Music during the 14-15 hour.

[and non]. 9955, Sunday Oct 30 at 2245, I can barely make out Ray Robinson's voice reading some radio-history script, so it must be 'Wavescan' under wall-of-noise jamming, which WRMI has brought upon itself by scheduling Radio Libertad both before and after the 22-23 UT hour, at least on weekdays. Other English programming at 22-23 is also collaterally damaged. {Sundays at 2130-2230 is 'Foro Revolucionario', which surely Must Be Jammed --- make that *Contra*-Revolucionario}.

7570, UT Mon Oct 31 at 0127 on WRMI, African percussion music, i.e. World Music default, instead of the scheduled special at 01-03 from PCJ Radio International, From the Archives of Radio Nederland, part 4! The previous airing at 06 to Europe on 7780 was also a no-show, and I believe with the same music when I checked circa 0629. Still music at 0200, but at 0231 recheck back to BS already.

7780, UT Mon Oct 31 at 0605 check, this WRMI is again playing World Music fill instead of Brother Scare, just like it was doing 24 hours earlier when it was supposed to be running the PCJ special. Such mixups have happened previous months, to be made good the following week.

11580, Monday Oct 31 before and after 1315, WRMI with World Music, and also at 1429 romantic song in Spanish, before #1 transmitter goes back to BS at 1500.

9955, Monday Oct 31 at 2257, wall-of-noise jamming vs a DX program in Spanish --- 2-month old {?} Brazilian loggings voiced by Manuel MÈndez, so it's Frecuencia al Día, which did nothing to deserve any jamming --- Dino Bloise isn't even Cuban. 2300 jamming intensifies even more as Radio Libertad starts. Note that from Nov 6, all 9955 programming shifts one UT hour later, unlike other WRMI frequencies.

11580, Tuesday Nov 1 at 1359.5, UKRAINE relay narration is incomplete,

cut off for WRMI ID, 1400 gospel rock/praise music, 1411 Xmas tune
``Do U C what I C?``, but later at 1455 it's ME World Music toward end
of the hour (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. 7490, 5130 & 3250, UT Sat Oct 29 at 0010, WBCQ with `Allan
Weiner Worldwide`, trimulcasting in disturbed auroral conditions,
which weakens 7490 here, makes delayed // 5130.08 unusually better at
S9+25. Says 3250 is also on air, but at first all I can perceive is a
JBA carrier circa 3250.3. By 0028, 5130 is fading down too, S7. By
0056, 3250 modulation is detectable // 7490. 0112 recheck, now some
program info, but copy is getting difficult on any frequency. Charlie
Prince show in German will be on a week from tomorrow, Sat 9 pm ET on
9330 [UT Nov 6 when DST will still be in effect, so = 01 UT Sunday].
Carol Babaloo (?) will be a 3-hour extravaganza music show, episode 1,
Sunday Nov 20 at 3-6 pm EST on 5130 (20-23 UT). Dead Frog Radio will
be once a month, I think he said.

In promoting his fund drive, Allan asserts that he would like to see
some liberal / leftwing / progressive programming on WBCQ, but none
such wants to appear. Maybe the fundraiser will allow something like
that to be underwritten. At 0123, 7490 has recovered to S9+10 for his
benediction, piously calling upon God to intervene in the election and
``bring us a good president`` which he says we have not really had in
his lifetime. Allan, of course, is backing Trump, no matter what. Says
his absentee ballot is on hand, waiting until just before he departs
for winter in Florida, before election day.

5130.07, UT Sunday Oct 30 at 0017, Area 51 via WBCQ is starting to
play the original ``War of the Worlds`` classic. Sufficient now, but
fading weaker later in the hour. From the site which
<http://worldmicroscope.com> forwards to now:

``On-air, Halloween weekend 2016 --- Area 51 is on WBCQ 5.130 MHz and
<http://www.splatterbox.us:5110>

All times UT. We're on an extra hour each night this weekend and have
a full schedule for your listening entertainment.

Saturday, October 29, 2016: 2300 Radio Timtron Worldwide; [UT Sunday
Oct 30:] 0100 The Lumpy Gravy Radio Show; 0200 Capital Rips; 0400
Radio Free Euphoria.

Sunday, October 30, 2016: 2300 Grits Radio (live); [UT Monday Oct 31:]
0000 Plastic Magic; 0200 Capital Rips; 0300 Glenn Hauser's World of
Radio; 0330 Hobart Radio International; 0400 Yukon Jack's Halloween.

You can help us cover our costs, which include streaming, archiving,
and airtime. Please consider donating via Paypal to

radiofreemountairy@gmail.com`` (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. 11870, Oct 28 at 0621, one WEWN transmitter is still missing. 13830, Oct 28 at 2007, now this one is AWOL.

5810, Oct 30 at 0051, no signal from WEWN, which is registered to start at 0000 both in A-16 and B-16; 11520 has a JBA carrier, and 11870 also missing. But at 0109, now 5810 is on and inbooming at S9+20 with Rosary in Spanish.

5810, Oct 30 at 1335, WEWN Spanish is still on and JBA carrier on 15610 must be WEWN English; but neither 11550 nor 12050 is on with Spanish. WEWN has yet to put up a B-16 sked but A-16:

<http://www.ewtn.com/radio/freq.htm>

shows both 25m frequencies during this hour, and 5810 finishing at 0500! HFCC B-16 shows 11550 totally abandoned by WEWN, 12050 starting at 1400; AND: 5810 greatly expanded to a 00-14 UT span. But only two of any three scheduled frequencies are functioning until and unless the third transmitter be fixed.

11520, Oct 30 at 2213, WEWN English with caller mentioning that ``Obama is a Muslim``, and talkhost does not correct her! Just another example of the political sewage spewed out by private US SW stations. Meanwhile, WEWN Spanish is on 12050. One would have expected English to be on 15610 at this hour, as it was in A-16. In fact, HFCC B-16 shows 11520 for WEWN only at 00-13 UT! And 15610 at 13-24, so they are totally off-schedule.

11520, Oct 31 at 2004, WEWN is again VG here instead of scheduled daytime frequency for English, 15610 --- certainly better for us, but for the target? 12050 in Spanish is even better, S9+30, while 13830 (if that's where the third transmitter is supposed to be now), still AWOL (Glenn Hauser, OK, WORLD OF RADIO 1850, DX LISTENING DIGEST)

** U S A. 9275, Thu Oct 28 at 1840, WMLK is on with DEJOM; but Fri Oct 29 at 1829, no signal (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. 9917.12 & 9942.90, Oct 28 at 2010 during presumed Dave Ramsey Show on 9930v WTWW-2, also approx. plus/minus 12.9 kHz spurs out of it just like it spews around 5085 at night. Maybe a trace of modulation on the upper one.

9930, Sat Oct 29 at 1823, theatre organ music on WTWW-2. Must be that new show we had been hearing UT Sundays after 0100 on 5085. Yes, announcement says it's Theatre Organ of the Ozarx, address in Pleasant Hill MO, but music this week is from an instrument in Belleville IL, 300 miles away. First of all, Pleasant Hill is just south of Kansas City, not exactly in the Ozarx! Second of all, the distance between

them is only 232 statute miles crowly, or 261 miles drively. Says a second time has been added, Sat 1 pm [CT] on 9930; but runs until 1835 WTWW ID, so must have started late circa 1806 UT. Super-strong but a shame that the great organ music be marred by WTWW modulation rather distorted, plus some selective fading distortion (Glenn Hauser, OK, WORLD OF RADIO 1850, DX LISTENING DIGEST)

9475, WTWW Lebanon TN (presumed); Permanently deParted & dePosited Pastor Pete Peters in last days mode; said that our houses will burn, our gold & silver will rust, our eyes will rot in their sockets & our tongues will rot in our mouths (inspiring as always!); PdPdPPPP prayed & asked that the Lord filter it so he wouldn't accidentally bless the evil. (I heard it anyway) S30 (Harold Frodge, Midland MI, USA, Drake R8B + 185' & 60' RW + 125' bow-tie, ----- All logged by my ears, on my receiver, in real time! ----- DX LISTENING DIGEST) Oops, no date or time, but what difference makes it? (gh)

12105, Oct 31 at 2008, WTWW-3 at S9+30, back on with Bibling Worldwide in Brazuguese. Had not been heard at misc. chex for more than a week. At 0119 Nov 1, 12105 still on at S9 but dead air, typical (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. 5025-5070 approx., Oct 30 at 0015, range of splatter out of 5050 WWRB, bothering 5040 RHC and heard on 5025 against the Rebelde carrier. At 0135, I notice 5050 bears crosstalk from a different speaker, somewhat softer underneath, re something she did in 1992 and 1993 --- I bet it's about Hillary. 0144 still two audios mixing, the underone louder than before. The overone IDs as 'Heart & Soul of America Broadcast', Centreville VA, offers anti-Semitic DVD. Way to go, Dave!

5050, UT Tuesday November 1 at 0200, WWRB with anti-Semitic gospel huxter saying ``brutes are running around and Judah-izing --- why this country is under a dark cloud``. Unpolished, speaks slowly, ``have a blessEd week`` until 0203.5* cut carrier immediately without any ID, as WWRB may be too embarrassed to associate with him? This offal will presumably resume UT Sunday circa 0100 for another 3-nite run (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. 7505.09v, UT Thu Oct 27 at 0345, finally hear WRNO in Chinese, but sounds a bit stilted, and signal now is VP only S3 (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. 15555, WJHR, Milton FL (presumed); 1602, 30-Oct; English huxter explaining the differences between armadillos & possums. (I have no doubt this was relevant to something) S9 (Harold Frodge, Midland MI, USA, Drake R8B + 185' & 60' RW + 125' bow-tie, ----- All logged by my ears, on my receiver, in real time! -----, DX LISTENING

DIGEST)

** U S A. WWCR Transmitter Problem? When setting up to record the DigiDX program via WRMI on 15770 kHz later, I noticed that WWCR on 15825 kHz is splashing all the way down to 15770 kHz at about 2025 UT. Anyone else notice this? (Richard Langley, NB, Oct 30, dxldyg via DX LISTENING DIGEST)

** U S A. 9265, WINB Red Lion PA (presumed); 2044, 26-Oct; Huxter speaking in hick English trying to convince me that Hell exists. S9 (I think it exists on the 31 mb.) (Harold Frodge, Midland MI, USA, Drake R8B + 185' & 60' RW + 125' bow-tie, ----- All logged by my ears, on my receiver, in real time! ----- DX LISTENING DIGEST)

** U S A. 570, Oct 27 at 0518 UT, ``American Pie``, 0520 UT ``104.5 FM and AM 570, Las Cruces`` non-ID with no calls, right back to another classic rock tune. Good signal mutually separable from KLIF. Hard to believe KWML Las Cruces NM is on night power of 155 watts instead of day 5000 watts, both non-direxional. 104.5 despite top billing is a mere translator, K283CG (Glenn Hauser, OK, WORLD OF RADIO 1850, DX LISTENING DIGEST)

Oct 30 at 0916 UT, Earth, Wind & Fire '70s tune heard in schmutz on 570, under apparent WAAX' Coast-to-Coast via remote tuner near Birmingham, Alabama. Tune matched up with Internet audio stream & playlist scroll provided by KWML Las Cruces, NM. Not bad, even for 5 kW in case of possible cheating; maybe KLAC could be conceivable here at some future time? (GREG HARDISON, CA, DXLD yg via WORLD OF RADIO 1850, DXLD)

** U S A. 1190-, Oct 27 at 0546 UT, unfamiliar rock music, ``You are listening to Boulder and Denver's premier independent radio station, 98.9 and 1190 AM in Boulder``, no calls, but per NRC AM Log 2016 it's student-operated KVCU, with an AOR/VAR format. 98.9 with top-billing is a mere translator, K255DA. Hard to believe 1190 is 110 watts night power instead of 6800 day power, both non-direxional. Is slightly off-frequency to low side; fades a bit vs some Spanish CCI, more likely Mexican than United Statesian (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. 1480, Oct 28 at 1305 UT, KBXD Dallas with ad for that jeweler in Frisco and something in another Metroplex suburb, IDs in passing as Radio Salam, M&W hosts in Hinglish; 1307 UT traffic report of necessity mostly in English; with usual slow SAH vs KQAM Wichita (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. 1580, Oct 31 at 0259 UT, ``God Save the Queen`` on organ, but fade-down for KFCS ID as expected from Colorado Springs CO, the usual dominatrix now, not unwilling to run 10 kW day power at night

(Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. [Re 16-43, my WNRP 1620 FL log with TV weathercast:]
WNRP's site mentions they carry audio of select WEAR newscasts
(including their 10 pm show), so... (Raymie Humbert, AZ, Oct 27, WTFDA
Forum via DXLD)

WEAR-TV, analog 3, Pensacola FL, was one of my very first TVDX
catches, seen several times in 1953-1954 from Santa Rosa NM.
Transmitter site was in Alabama. O, how I miss the dynamism of good
old sporadic E analog TV DX! (Glenn Hauser, DX LISTENING DIGEST)

** URUGUAY. 28435-USB, Oct 30 at 2236, CK2DK with contest contacts.
QRZ.com shows: ``CX2DK Uruguay, flag Uruguay, MARCELO FERNANDO EG<ES
MARTORELL, PO Box: 37, P.C: 11000, Montevideo - Uruguay`` (Glenn
Hauser, OK, DX LISTENING DIGEST)

** VATICAN. VATICAN RADIO ROLE TO DIMINISH IN HOLY SEE'S NEW
COMMUNICATIONS STRATEGY? Catholic World News October 31, 2016
<http://www.catholicculture.org/news/headlines/index.cfm?storyid=29798>

The role of Vatican Radio, traditionally operated by Jesuits, will be
less prominent in a new overall Vatican communications strategy,
predicts Vatican journalist Sandro Magister of L'Espresso.

Vatican Radio has been largely dedicated to short-wave radio
broadcasts. But Msgr. Dario Vigano, the prefect of the Secretariat for
Communications, plans to focus future efforts on new communications
technologies, particularly the social media. As the new Secretariat
gradually integrates the Vatican's different media efforts which in
the past have operated independently the shift in emphasis is likely
to become more visible.

Vatican Radio, which employs a large staff to serve its many different
language sections, is also one of the most expensive communications
efforts of the Vatican. With no advertising, the broadcasts produce
little revenue, and Vatican Radio runs at an annual deficit of \$20- 30
million (\$22-\$33 million) a year.

References: Goodbye, Jesuits. Vatican Media Get a New Face and New
Boss (Vatican Radio)
<http://chiesa.espresso.repubblica.it/articolo/1351400?eng=y>
(via Mike Terry, dxldyg via WORLD OF RADIO 1850, DX LISTENING DIGEST)

The referenced Sandro Magister makes a clear, unconditional claim:
"Vatican Radio will stop broadcasting on shortwave."
<http://chiesa.espresso.repubblica.it/articolo/1351400?eng=y>
Posted by: (Kai Ludwig, dxldyg via WORLD OF RADIO 1850, DX LISTENING

DIGEST)

Was going through the Vatican file in HFCC and found the following cuts: Only 1 frequency now at 0300-0330, 0500-0530 was 2 frequencies before. Only 2 frequencies now at 1730-1800, was 3 frequencies (Peter W Hansen, dxldyg via WORLD OF RADIO 1850, DXLD)

Hi Glenn, Nov 1, tuned 9650 kHz, 0434-0457*, and heard French. Seemed to fit the Radio Vatican schedule, but was not on their scheduled 9660. An anomaly? (Ron Howard, California, dxldyg via DXLD)

See HFCC, Request# file sorted. Vatican Radio 4-5 UT, 9660 / 9650 via MDG changed very late. See RFI Swahili, Issoudun 9665 kHz till 0500 UT. wb (Wolfgang B,schel, ibid.)

Special transmission of Vatican Radio, Nov 1
1100-1130 on 9645 SMG 100 kW / 330 deg to WeEu
1100-1130 on 11740 SMG 250 kw / 004 deg to EaEu
1100-1130 on 11740 SMG 250 kW / 310 deg to SoEu
1100-1130 on 15595 SMG 100 kW / 319 deg to WeEu
1100-1130 on 21560 SMG 250 kW / 113 deg to N/ME
1100-1130 on 21560 SMG 250 kW / 185 deg to CeAf
1100-1130 on 21560 SMG 250 kW / 223 deg to WeAf
<http://swldxbulgaria.blogspot.bg/2016/11/special-transmission-of-vatican-radio.html>

(Ivo Ivanov, QTH: Sofia, Bulgaria, dxldyg via DX LISTENING DIGEST)

What was special about them, All Saints Day? language(s)? (gh, DXLD)

** VENEZUELA. Emisoras AM captadas hoy en la mañana en Barcelona Edo Anzoátegui:

550 YVKE Mundial
610 Radio Centro
630 RNV Caracas
660 Radio Anaco
670 Radio Rumbos
680 Radio Cumaná
750 Radio Caracas [Radio]
790 Radio Venezuela
830 Radio Sensación
860 Radio Curom [CuraAao]
910 Radio RQ 910
920 Radio Nueva Esparta
990 Radio Tropical
1090 Unión Radio Deportes
1200 Radio Tiempo
1310 RNV Barcelona
1340 Radio Uno

1420 Radio Sintonía

1490 Radio Dinámica

1500 Radio 2000

1590 Radio Deporte

Nota Unión Radio 640 y Radio Barcelona 1080 fuera del aire al momento ("José Elías Díaz Gómez", Oct 31, condiglista yg via DXLD)

[Slightly different list a few hours later at 2037 UT:]

Emisoras AM captadas hoy en la mañana y tarde en Barcelona Edo
Anzoátegui

550 YVKE Mundial

610 Radio Centro

630 RNV Caracas

660 Radio Anaco

670 Radio Rumbos

680 Radio Cumaná

710 Radio Capital

750 Radio Caracas

790 Radio Venezuela

830 Radio Sensación

860 Radio Courrom

910 Radio RQ ??

920 Radio Nueva Esparta

990 Radio Tropical

1040 La Voz de Carabobo

1090 Unión Radio Deportes

1130 Radio Ideal

1200 Radio Tiempo

1260 BBN Radio

1290 Radio Pto Cabello

1310 RNV Barcelona

1340 Radio Uno

1420 Radio Sintonía

1490 Radio Dinámica

1500 Radio 2000

1590 Radio Deporte

Nota Unión Radio 640, Radio Barcelona 1080 y Radio Continente 590 fuera del aire al momento de la escucha. 4:30 pm. Más tarde nuestro monitoreo nocturno (JEDG, ibid.)

SO there you have a few which are not inactive, kaput (gh, DXLD)

** VIETNAM. 9635.809, Voice of Vietnam, in Vietnamese from Son Tay broadcast center, S=5 noted in Tokyo remote at 1307 UT, Oct 30 (Wolfgang B. schel, df5sx, wwdxc BC-DX TopNews Oct 30, dxldyg via DX LISTENING DIGEST)

Weak signal of Voice of Vietnam Home Sce-1, Oct 31
from 0900 on 9635.9 SON 100 kW / 145 deg to SEAs Vietnamese
<http://swldxbulgaria.blogspot.bg/2016/11/weak-signal-of-voice-of-vietnam-home.html>
(Ivo Ivanov, QTH: Sofia, Bulgaria, dxldyg via DX LISTENING DIGEST)

** VIETNAM [non]. 7315, Oct 30 at 0041, V. of Vietnam is still here
via WHRI, in stilted Spanish, with QRM --- or rather voice-under
remaining during translation, a no-no on SW. Only S8. If still going
Oct 31, we may start to assume VOV relay be prolonged into B-16,
including English at 0000 and/or 0100.

7315, Nov 1 at 0126, Vietnamese song, so VOV is still relayed this
seminhour in English by WHRI, despite gap in registration. Stops at
0128.5, for WHRI propaganda, Voice of the Martyrs ad, i.e. Christians
persecuted; 0130:08 resumes VOV opening Spanish (Glenn Hauser, OK,
WORLD OF RADIO 1850, DX LISTENING DIGEST) {Doesn't Vietnam persecute
Christians? Nudge, nudge.}

** YEMEN [non]. Reception of Republic of Yemen Radio, Oct 28
till 0900 on 11860 JED 050 kW / non-dir to N/ME Arabic
from 0900 on 11860 unknown tx / unknown to N/ME Arabic
http://swldxbulgaria.blogspot.bg/2016/10/reception-of-republic-of-yemen-radio_29.html
(Ivo Ivanov, QTH: Sofia, Bulgaria, dxldyg via DX LISTENING DIGEST)

11860, Oct 28 at 1319, Republic of Yemen Radio, is good at S9 in
Arabic, surely long-path as hi-latitude signals are quite poor by
comparison, i.e. China, Japan (but further south Tinian & Saipan on
12110 & 12140 are better). By 1433, 11860 is S9 plus 10 to 20. I keep
listening in case there be a Qur'anic vesper break. No, but mostly
music 1433 past 1500, including ``triumphal`` theme segments they play
every day (Glenn Hauser, OK, DX LISTENING DIGEST)

Greetings from Nevada! The conditions here have been poor with the
Solar Flux in the mid-70s and the Geomagnetic activity ranging from
severe storm to unsettled levels. This morning (local, ~1500z), I was
able to detect a fluttery carrier from I presumed was Rep. Yemen Radio
Sana'a on 11860 of which I haven't heard from for close to a week
(Rodney Johnson, Las Vegas NV, Oct 29, dxldyg via DX LISTENING DIGEST)

Greetings from Nevada! The conditions here have been fair with the
Solar Flux in the mid-70s and the Geomagnetic activity more or less at
unsettled levels since last week's storms. Rep. Yemen Radio Sana'a on
11860 has been slowly coming back in the mornings here (~1300-1600z)
and this morning, in particular, it was the strongest since. Heard
over the last few days:

Rep.Yemen Radio Sanaa (Saudi Arabia Relay?)
11860KHz 1439 30 OCT - REP.YEMEN RADIO SANAA (YEMEN). SINPO = 25312.
Arabic, music, male DJ. QSB=rapid-to-ff rate, modulation mostly just
above the noise floor with occasional fades to mixing with it for
short durations. (Re-check @1630z fluttery JBA carrier mixing with
~880Hz tone). sf78.6, a26, k3, geomag: unsettled. 50kw?, Omni?,
bearing 17 ?. Sangean ATS505 w/MFJ-1020C active antenna and MFJ-901B
tuner used to preselect 75i of 26-gauge wire loosely thrown over the
roof above single story building. Received at Las Vegas, United
States, 13039KM? from transmitter at Riyadh?. Local time: 0739.

Rep. Yemen Radio Sana'a (Saudi Arabia Relay?) 11860, 1415 1 NOV -
SINPO = 35313. Arabic, music, male DJ. QSB=rapid-to-ff rate,
modulation mostly just above the noise floor with occasional peaks
well above it. sf77.5, a11, k3, geomag: unsettled. 50kw?, Omni?,
bearing 17 ?. Sangean ATS505 w/MFJ-1020C active antenna and MFJ-901B
tuner used to preselect 75i of 26-gauge wire loosely thrown over the
roof above single story building. Received at Las Vegas, United
States, 13039KM? from transmitter at Riyadh?. Local time: 0715 (Rodney
Johnson, NV, dxldyg via DX LISTENING DIGEST)

** ZAMBIA. Zambian power, FYI

On Fri, Oct 28, 2016 at 5:36 AM, Bill Bingham wrote:

Hi Ron, FYI, Zambian power cuts:

<http://newsletters.iol.co.za/servlet/link/11978/104839/14280557/2501450>

Regards, Bill (via Ron Howard, CA, DX LISTENING DIGEST)

Hi Bill, Thanks so much for the news story. Yes, recently I have noted
ZNBC/Radio One (5915) has been off the air much earlier than normal.
On Oct 27, found test tone/open carrier at 0235; start of the African
Fish Eagle IS at 0244, but when I checked later (sorry did not note
the time) they were clearly off the air. Think they may have been on
the air for maybe an hour and a half. Certainly a drastic reduction in
their broadcasting time.

BTW - On Oct 27, also checked to see if there was any station
underneath Cuba on 6165, but clearly there was nothing heard from
about 0230 to 0430, except Cuba. So no return of Zambia there, at
least not yet (Ron Howard, California, DX LISTENING DIGEST)

** ZAMBIA [and non]. 13680, Saturday Oct 29 at 1356, stray Cuban pulse
jammer at the rate of 80/minute, unlike the wall of noise against
13605 Radio Marti (which tomorrow at 14-20 makes usual B-season switch
to 13820, why? How long will it take the DCJC to catch up with it?).

I'm seeking Voice of Hope - Africa as scheduled weekends only at 12-17
UT, but which achieved a good signal here only once in early October,
long-path? There is now a VP signal under the jamming, maybe this.

Should be jazz or swing music show.

Since I have the UTwente SDR up to try to hear 7265 HLR with WOR (not), I then employ it on 13680. At 1415 Oct 29, yes, talk in English about missionaring in Africa. But at 1440 recheck strong signal in Farsi, which, as soon IDed, is NHK, listed as FRANCE relay at 1430-1500. Zambia can barely be heard underneath it. At 1500, ``Amazing Grace`` is mixing with NHK timesignal and CRI theme, which continues but much weaker than NHK was, allowing Voice of Hope ID also to be copied. By 1508, CRI in Chinese via Kashgar is about equal level to VOH-A. Also considerable ACI from 13675 which is ChiCom jamming vs RFA Chinese via Tajikistan at 15-17. 13685 is also listed for CRI English via Mali.

What's going to happen from tomorrow with B-16 schedules? I thought someone from Voice of Hope was at HFCC Miami in August, yet currently there are NO HFCC registrations from VOH Lusaka/Zambia! Just KVOH 17775 and imaginary 9975. If they do plan to keep on 13680, what will they encounter from stations which did register? Nothing on 13680 except 0450-0550 Iran in Swahili. Nothing on 13675 during VOH-A hours. On 13685 will still be CRI Mali, and at 1330-1430 Turkey in Uighur. Looks like it's safe to keep 13680. And how about 11680 if they stay there for the 05-08 UT broadcast on weekdays? Nothing else listed, and adjacently, only 11685, CNR in Tibetan from Beijing, should not be a problem. How about 9680, the other VOH-A frequency? Only competing Christian broadcaster KNLS Alaska has registered it at 07-08 and three later hours. Of course anything concerning Taiwan and the consequent radio war with China is banned from HFCC.

13680, Oct 30 at 1332, Voice of Hope - Africa with scheduled Swing music show as bait for evangelism, only S2. Is such music really attractive to an African audience? At least the show gets back on SW with KVOH 9975 still silent (Glenn Hauser, OK, DX LISTENING DIGEST)

UNIDENTIFIED. Trans-Pacific JBA MW carrier search, Oct 27 UT:

576-NW at 1236

612-WSW at 1246

702-WSW, 2 carriers beating at 1237; also 1245, maybe one more from W?

774-WSW at 1238

828-WSW at 1240

936-WSW at 1241

UNIDENTIFIED. Trans-Pacific JBA MW carrier search October 28, UT:

702-WSW at 1233, two carriers beating

774-WSW at 1233

1098-W at 1238

576-, at 1235, 1241, somewhat NW but hard to peak, and it's a bit off-

frequency to lo side, so suspect this is really something local.
However, not hearing it later during full daytime. (I am still hearing the 594+ spur of 1640-KZLS.)

UNIDENTIFIED. Trans-Pacific JBA MW carrier search starts a bit late today Oct 31 as I wake up just before local sunrise at 1254 UT:

702-WSW at 1251

612-WSW at 1252

657-WSW at 1253

(Glenn Hauser, OK, DX LISTENING DIGEST)

UNIDENTIFIED [and non]. 550.12, Central American *1044 October 30, 2016. While sitting on the channel, a decent carrier popped up at 1044. Someone beginning or about to begin their broadcast day, pointing SSW/NNE, though surely deep Central American because of fade-out a bit after local sunrise. No audio, with Rebelde right on 550 as well as someone domestic with FOX News Radio at 1100, probably the same one with Dr. Pinkus brokered quackster prior. Rough measure on the NRD-535, but the het sounds almost the same tonal as 539.83 Nicaragua. This on a local Sunday, so sign-on time might vary.

550, MEXICO (presumed). 1103 October 30, 2016. Mexi-tune briefly in the jumble, and on-frequency, so not the 550.12 source (Terry L Krueger, Clearwater FL, NRD-535, IC-R75, roof dipole, active loop, DX LISTENING DIGEST)

UNIDENTIFIED. UNID 845 kHz --- Yesterday At 1700 UT I heard a station on 845 kHz. Music sounded like Horn of Africa music and just after 1700 a male voice which sounded to me like Bahasa Indonesia. So a strange frequency, strange music and a strange language. The station was heard in LSB while on 846 USB I had Indian music. 846 USB gave a strong heterodyne. I am anxious to know who else could hear this station and of course an ID would be very nice...

This is my recording:

<<https://app.box.com/s/w3uenl6z1oiitkmq5d10nbqw38lfzgzsh>>

Another (better) recording at 1704 UT can be heard here:

<<https://app.box.com/s/e7hmgn5beoe67fip65sv0h1ns3qao1rn>>

73 (Max van Arnhem, The Netherlands, Oct 29, MWCircle yg via DXLD)

845 or 846 kHz? Are you saying one transmitter had different audio on the two sidebands? Or two different stations? (gh, DXLD) Answer: see ERITREA

UNIDENTIFIED. 870, Oct 30 at 2250 UT, country gospel music, ID as ``Top Ten Radio`` (I think), with WWL nulled but losing out to it by 2252 UT. Prime suspect looks like 25 kW KPRM Park Rapids, MN. Do they use such a slogan, or program name? Or maybe KAAN in Bethany MO (Glenn

Hauser, OK, DX LISTENING DIGEST)

UNIDENTIFIED [and non]. 1180, Oct 27 at 1256 UT, open carrier/dead air making SAH of 160/minute = 2 and 2/3 Hz with sports talk, but traffic report at 1259 UT, ID as ``1180 Zone 2 the Deuce``, i.e. KZOT Omaha NE. OC/DA loops SW/NE so I think it's KLPF Midland TX, which I recently confirmed had completed its upgrade move from 1150, with Guadalupe Catholic network programming in English. About to sign-on? No, still OC but fading at 1302 UT. Both these are 25 kW day power, KLPF non-direxional, but KZOT is broadly direxional southwest, nothing unusual here (Glenn Hauser, OK, DX LISTENING DIGEST)

UNIDENTIFIED. An UNID from a couple of weeks ago. I was listening to 1440 kHz just prior to 0400 UT and heard a YL in German. Weak, but just copyable. A tentative "Deutsche-Welle" was heard before either sign-off or change of programme (music) after 0400. 73's (Nick, Buxton, UK, Rank, Roberts R9924 portable, long wire fence aerial, Oct 29, BDXC-UK yg via DXLD)

UNIDENTIFIED. 1590, Oct 29 at 0026 UT, I'm checking for the S Asian music John Reed in Shawnee OK had reported to NRC DX News a couple weeks ago which he concluded came from KLIV, way out in San Jos , California. Doubtful to me, so I researched that and concluded it was most likely WCGO Evanston IL. Here's his report and what I wrote in reply:

``1590, KLIV, CA, San Jos  ñ 10/14 2130 [EDT = 0130 UT Oct 15] ñ After listening to this station occasionally over a span of several years, but hearing no ID I finally IDed it. The broadcast is in Hindi language with a few English words and pop Hindi music. Snooping around on the internet turned up KLIV as broadcasting Hindi and Bollywood music. That's it!`` (John Reed, Shawnee, OK, Brigantina (USSR-made in the 1990s); NRD-525; AOR AR-7030; Homebrew tuned ferrite loops, Clifton Labs active whip, phaser, Domestic DX Digest-West, NRC DX News Oct 31 via DXLD)

``! KLIV is 5/5 kW, and October FCC sunset is 0130 UT. NRC Pattern Book shows both night and day patterns are circle northwest into the Pacific. Should not be putting any signal toward us. But FCC AM Query says it's NON-direxional daytime, so John may have got it just at switch time (November: 0100 UT). I'll have to look for it! But his ID is apparently based on format, not ID --- could it be anything closer?

WCGO Evanston IL, 10/2.5 kW U2 is partly ETHnic. Nothing else around here could fit unless another radical change, but he's been getting this for years.

NRC AM Log 2016-2017 shows KLIV as C&W, 24-hour ``Country Gold 1590``,

but could have flipped since August? Radio-locator.com still has KLIV as Country Gold with different patterns day and night, but not that different, with some signal still to the east.

From Own website:

<http://www.kliv.com/about-us/>

``Welcome to 1590 KLIV ñ San Joseís Country Gold. Your destination for country music from the 80ís, 90ís, and 2000ís. You might be looking for what was once Silicon Valleyís New[s] Station. On June 10, 2016 KLIV sent out its last news broadcast. So why Country Gold, and why just this era? These were the best years for country radio, with the introduction of amazing artists like Garth Brooks, Reba, Alan Jackson, Vince Gill, Trisha Yearwood, Tim McGraw, and Martina McBride. Weíd like to bring you these artists, and many more, right here on 1590 KLIV Country Gold``

So there was a recent format flip, but certainly not to Bollywood. And it took no more than 5 seconds of listening to

<http://icy3.abacast.com:80/empirebroadcasting-klivamaac-64>

at 0343 UT October 28 to tell that it's country, not Bollywood.

So where on the internet did John find KLIV to be Hindi and Bollywood? Long outdated info, or from the future?

Now let's check out WCGO Evanston IL

<http://1590wcgo.com/schedule>

It's mostly talk, but some shows look like they are not in English.

His log was Friday at 8:30 pm CDT, so on the sked M-F is:

7 pm - 11 pm Night Star Radio Joe Rasho.

I bring up stream at 0355 UT Oct 28, just before the show is to end:

<http://streamdb5web.securenetsystems.net/v5/WCGO>

and yes, non-English announcement, and S Asian? music. 0359 UT closing

announcement unseems Hindi, but more like Hebrew? They do have a

number of Jewish programs. No, but close: searching on Joe Rasho WCGO

reveals it's one of their ASSYRIAN programs:

https://www.facebook.com/joe.rasho/videos/10211001422178214/?hc_ref=PAGES_TIMELINE

or just

<https://www.facebook.com/joe.rasho>

I think John must have been getting WCGO instead. It's N-D day, but night pattern is supposed to go NNE, no good for us. Likely another one running day pattern at night, at least when we could hear it. I'll be trying to hear it; if he or I can, getting a DF fix on it should confirm whether it could be WCGO, and not KLIV.

I'm glad I was led to WCGO since I see they also have a Milt Rosenberg page, ex-WGN, which says

``MILT IS CURRENTLY TAKING A BREAK FROM HIS LIVD [sic] RADIO PROGRAM.
DOWNLOAD HIS SHOW PODCASTS TO KEEP YOUR BRAIN IN SHAPE! Podcast Feed:
<http://feedpress.me/milt-rosenberg> ``
You may skip the anti-Obama ones``

Now at 0026 UT Oct 29 there is heavy CCI on 1590, but looping NE seems to be some ME or S Asian music and non-English talk in the mix. Unfortunately, logistically, I can't DX and check webcasts simultaneously. Competition at first is ESE/WWN English call-in for Biblical advice, unsure whence, gone after 0030 UT, sunset? That was nullable, but still too much QRM to pull anything from WCGO(?). Will need to be on ND day pattern to have a chance here. At 0043 UT I'm getting something else in English, probably NNW, KVGB in KS. I keep nulling that and aiming toward Chicago, undivided attention to 1590 from 0058 UT to 0102 UT, but nothing surfaces above the pileup. Conditions might have been auroral, but no, Chicago 1690, 780 and 670 are in just fine at 0028 UT check.

WCGO would legally be on ND day pattern only until 2315 UT in October, 2230 UT in November. That's before the Assyrian program on weekdays, altho on Saturdays there are several of them all afternoon as late as 7 pm CT. A.k.a. Neo-Aramaic:
https://en.wikipedia.org/wiki/Assyrian_Neo-Aramaic
(Glenn Hauser, OK, DX LISTENING DIGEST)

1590, Oct 31 at 0307 UT, sounds like Bollywood music, and peaking about 40 degrees, almost northeast as befitting WCGO Evanston IL. Still same at 0322 UT and have not heard any announcements. With very heavy QRM and multi-SAHs, since there are five dozen mostly low-power US stations at night on 1590, but this is slightly dominant. 0333 to a Hallowe'en tune in Bollywood style with banshee.

It's time to go back online instead of onradio, so I hasten to bring up the WCGO webstream, and hear more similar music, but now there is a lot of chatter between W&M, in Hinglish? Or Engjabi? with tune dedications. For the show at 10 pm to Midnite CT Sundays is: 'Sohni Dharti Radio'. No info about it on WCGO's own site, but searching separately finds this from a blog stalled since 2012:
<http://sohnidhartiradio.blogspot.com/>

``Let me introduce myself to you. My name is Sophia Sohail and I am a Radio Jockey doing shows every sunday night on wcco 1590 am channel as well as a writer. I write articles in our community newspaper. When people of my community listen to my talk shows on the radio, they call me Oprah of our indopak community``. So Punjabi is more likely (Glenn Hauser, OK, DX LISTENING DIGEST)

[Later: John says it could have been KMIC Houston TX, now Bollywood]

UNIDENTIFIED. 1590, Oct 30 at 0307 UT as I am rotating the DX-398 to peak/null presumed WCGO IL, something appears briefly in the null, ``Your shopping mall on the radio, KGAD``, or fuzzily similar calls. KDAV Lubbock TX would be closest, supposedly oldies, and maybe silent? Or KVGB Great Bend KS? (Glenn Hauser, OK, DX LISTENING DIGEST)

UNIDENTIFIED. 1650, "SAC" Morse Code oddity? 0341 UT and I'm hearing "SAC" repeated in Morse code on 1650 kHz. The code is weak and fades in and out but clearly visible on peaks on the Perseus SDR's waterfall and offset by 400 Hz on both sides of 1650. Unlikely this is some kind of image on my end. I'm hearing this on my South antenna while conditions are still heavily favoring the South. Anyone else hearing "SAC" or know anything about it? Could it be related to Southern Avionics Co. in Beaumont, TX? 73, (Tim Tromp, West Michigan, UT Oct 28, ABDX via DXLD)

I'm hearing it also, on the south DKAZ, using the ELAD FDM-S2, as you describe (Mark in Goshen, IN, Pettifor, 0401 UT Oct 28, IRCA via DXLD)

Thanks Mark, at least I'm not going crazy then :-) 73, (-Tim, ibid.)

Not hearing it in western NY (Jim Renfrew, Clarendon NY, 0418 UT, ibid.)

Easy copy here in Central Alabama, near Birmingham. Slow speed CW, about 5 WPM. Any ideas about who this station might be? 73, (Les Rayburn, N1LF, 121 Mayfair Park, Maylene, AL 0456 UT Oct 28, NRC-AM via DXLD)

When I see the letters "SAC," I think of "Strategic Air Command." Doubt there's any connection but just wanted to bring that up (Bob Galerstein, WB2VGD, Monroe, NY, NRC-AM via DXLD)

It is probably some sort of a harmonic of a beacon that has been reported on 320 and 325 kHz. The offset of this beacon has been reported at either 398 or 400 Hz above and below center frequency. It supposedly belongs to Southern Avionics and the location is Beaumont Texas (Keith McGinnis, Hingham MA, ibid.)

He must be referring to this info: (gh)
http://www.classaxe.com/dx/ndb/rna/signal_list

``KHz A-Z ID LSB USB Sec Fmt 'Name' and Location S/P ITU GSQ PWR
Notes Heard In Logs Last Heard
260 SAC 387 400 5.9 Unknown XUN ENG IL MN OH TX 5 2013-04-17
300 SAC 400 401 5.68 Unknown XUN CO IL TX 4 2011-03-19

314.5 SAC 400 400 5.4 UnKnown XUN CA CO IL MO TX 6 2014-09-25

320 SAC 398 398 6.03 Beaumont TX USA EM20wb
Southern Avionics Co. (SAC) testing NDB using thier standard freq and
ID prior to delivery to user. AZ CA CO IL MA MN MO NS OH OR TN TX 25
2015-03-11

325 SAC 400 400 5.4 Beaumont TX USA EM20wb
Southern Avionics Co. (SAC) testing NDB CA MO 3 2015-03-11``

To be an harmonic (x5), fundamental would have to be 330 kHz instead,
possible if this is just for testing; or 275 x 6. So this is
overcoming the 1650 broadcasters? Does anyone get a DF on it?

If it's on 330 putting out a fifth harmonic, also look for others,
especially odd ones: 660, 990, 1320, 1980, 2310 --- and of course 330
itself (Glenn Hauser, ibid.)

I used to be very active in long wave DXing, and chasing NDBis. This
didn't sound like a harmonic to me at all ó but rather the primary. It
was competing very well indeed with the broadcast stations on
frequency. For me it DFied to the South and Southeast, not all towards
Texas. 73, Les N1LF (Les Rayburn, director, High Noon Media Services,
130 1st Avenue West, Alabaster, AL 35007-8536, NRC-AM via DXLD)

I figured the easiest way to eliminate Southern Avionics Co. from the
list of isuspectsî would be to simply call them. Spoke with Derick
Moore in their Technical Development department. He confirmed that SAC
has been testing an NDB on 325 KHz for the past few days, but that
beacon is transmitting MSK dataónot CW. Itís running at an output
power of 150 watts.

The third [sic] harmonic of that transmitter would be 1625 kHz, but
the modulation is all wrong. Mr. Moore was very interested in our
mystery, but couldn't offer any solid suggestions on who or where the
transmissions might be coming from.

As Scooby-Doo used to say, írut rowî I think weíve got a mystery here,
gang. 73, (Les Rayburn, N1LF, Oct 28, DX LISTENING DIGEST)

Les, Thanks for following up with Southern Avionics. These guys were
my first suspect late last night when I first heard this mystery
beacon on 1650 but we can rule them out now. Now that more people are
aware of it, it'll be interesting if it appears again tonight. I can't
provide any good bearing from my location, only to confirm that it was
best on my South D-KAZ. Based on your DF reading, maybe an oil rig
platform out in the Gulf somewhere? I dunno but I like a good mystery
too! 73, (Tim Tromp, ibid.)

2218 UT and I'm hearing SAC faintly again right now on 1650. I'm a bit surprised that I'm hearing it already, but it's definitely there. No broadcast stations being heard right now on 1650, as mentioned, it's still "early" here but I'm hearing our mystery beacon again tonight. (Tim Tromp, West Michigan, Oct 28, ibid.)

I am hearing it again as well. Two other stations are there also, one with Mark Levin and the other pretty weak, but heard Indian (subcontinent) music, and non-English YL announcer (maybe Toronto?). South DKAZ, without amplification. Was quite strong at my local sunset 2245, but weak now at 2255. The LSB signal seems to be slightly stronger than the USB one, by about 5db or so. 2257 - now it's completely gone. Things change pretty rapidly around sunset, eh?

2300 - ID for the Mark Levin station: WHKT (Portsmouth VA). Signal still gone, 15 min. after local sunset (Mark in Goshen, IN Pettifor, IRCA via DXLD)

Re: 1650 "SAC" Morse Code oddity? Heard him on 10/23/16 at 0747z-- location here is central Texas -- loop and ICR75 - pretty weak, but Q5 on peaks. Got him here also in central texas--vy weak but able to copy call //0156z// (Jerry Steck, UT Oct 29, ABDX via DXLD)

I gave it a quick check at 0734 and I hear it on 1650 in LSB only on my Eton E1-XM and 366 foot wire. It's there. Wonder where it is? (Kevin Redding, Crump, TN, Oct 28, ABDX via DXLD)

Presumably he means 0734 CDT, always local times for him, even tho most other reports of this were cited in UT (gh, DXLD)

1650, Oct 29 at 0010 UT and several more chex the following hour+, no signal from beacon SAC, which was being reported last night, first by Tim Tromp in Michigan. Speculation was that SAC was another test from a beacon manufacturer in Beaumont TX, which was heard a few years ago on 320 and 325 kHz, but if this is a harmonic, the fundamental would have to be 330 instead. (Not heard here on 330 either.)

Les Rayburn in AL was getting it from the southeast, called the company and they said it's not them now, but:

I wonder if one of their units has been installed somewhere in the Gulf or Caribbean, still programmed to emit the temporary test ID of SAC.

Oil rigs at sea may well use the X-band fundamentally. Anyhow, all I am hearing are the usual CO and IA 1650 broadcast stations (and precious little from OK's own KFSW). On Oct 28, Tim Tromp was getting it again as early as 2218 UT, as was Mark Pettifor in Indiana at 2245

UT. For them it was roughly southward. And this just in on the NRC-AM list (Glenn Hauser, OK, DX LISTENING DIGEST)

1650, SAC beacon. Per tips on NRC/IRCA lists reporting this one, I have it here (just W of Gainesville, FL) at 0150-0215+ UT with CW. Signal is fair to very good, equal to and at times over co-channel stations, though with some fades. Nulls N of due W, so given Les Rayburn's S-SE bearing from Montgomery [sic], this would seem to indicate a location in the northern Gulf (David Potter, Gainesville, FL, C Crane Skywave barefoot, 0254 UT Oct 29, NRC-AM via DXLD)

I was hearing it this morning at 1030z on a SW bearing from Charleston SC (Rob Keeney, Goose Creek SC, Oct 29, IRCA via DXLD)

Audible right now (0830 EDT) in North Georgia. SAC is audible on either USB or LSB. Oct 29 (Robert LaFore, IRCA via DXLD)

I'm wondering if anyone on this list is also a member of the NDB E-Mail List on Yahoo Groups? I used to subscribe, but had to cancel to cut down on the amount of e-mail I'm receiving. Someone in that group might have more information on this mysterious signal.

It was audible last night from just before sunset, until just before sunrise this morning here in Central Alabama. Peak was right at sunset, where at times, this signal was the loudest one on the channel. 73, (Les Rayburn, N1LF, 121 Mayfair Park, Maylene, AL EM63nf, Oct 29, NRC-AM via DXLD)

Hello, According to Martin Francis - DX Radio Pages RNA:

http://www.classaxe.com/dx/ndb/rww/signal_list

an NDB listing this is being heard in France and Sweden as well. The list will include new and no longer in service (greyed out at bottom of the list) stations if you do a search (Shawn Axelrod, MB, NRC-AM via DXLD)

Les, I'm on the NDB listserver, as well. I saw your note that you had contacted Southern Avionics, but that they had said that it was not they with the mystery NDB on 1650. With Craig in Oviedo, Florida stating that he was getting it strongest on a SW bearing from his QTH, I'm wondering if this is emanating from some offshore drilling platform in the Gulf? 73, (Rick Dau, South Omaha, Nebraska EN21af, irca via DXLD)

Yes, I passed the SAC reception info on to ndblist yesterday. One guy in FL heard SAC; and one guy in France heard it and even included an audio clip. It seems to have 400 Hz sidebands. No one on ndblist has any additional info. It's a brand new signal at least for ndblist. (Steve AA7U near Sahuarita, AZ, Ratzlaff, IRCA via DXLD)

Isn't SAC the test code used by that company in Texas that makes Morse beacons? I think I have seen something similar reported several times over the years on the ndblist. Just checked - this one is being reported on ndblist too. Or was that another code? (John];')
Kugellagers, ABDX via DXLD)

Hi John, Per another DXer who spoke directly with someone at Southern Avionics in Texas, they claim this is not them on 1650 but were curiously interested in the reports. "SAC" was heard again here this morning until fade-out at sunrise. The mystery continues. 73, (-Tim Tromp, ABDX via DXLD)

Those of us in the United States have been hearing a slow-speed CW beacon on 1650 kHz for the past three days. It identifies as iSACi in Morse Code at about 5 WPM.

The initial suspect was a beacon testing for the Southern Avionics Corporation in Texas, a manufacturer of Non-Directional Beacons who frequently test bacons using that identified. But a telephone call was placed to their Technical Division, who reported that they were not currently testing any CW beacons. In fact, they were only testing an MSK beacon in the 300 kHz range. Curious if anyone in Europe is hearing the beacon and if anyone has any idea on who it belongs to, or its location. It is getting out quite well. 73, (Les Rayburn, N1LF, 121 Mayfair Park, Maylene, AL, Oct 30, mwcircle yg via DXLD)

I received yesterday morning this beacon at 0530 UT. I use a Perseus SDR with a loop ALA 1530 antenna. Perhaps an oil platform in the Gulf of Mexico? Best 73 (Franck Baste, F4LKC, Saint Bonnet de Rochefort (France) ibid.)

Offset is +400 Hz - i.e. audible on 1650.400 kHz (but not here!)
(Paul Crankshaw, UK, ibid.)

1650, Oct 30 at 0112 UT, still can't pull any sign of ``SAC`` beacon which DXers further east and south are getting, thought to be on an oil platform in the NE Gulf of Mexico. Even by narrow bandwidth, BFO in both sidebands of the 1650 broadcasters (Glenn Hauser, OK, DX LISTENING DIGEST)

As far as I know the call "SAC" is used by the SOUTHERN AVIONICS COMPANY during tests of new NDB installations:

<http://www.southernavionics.com>

There are many "SAC" UNIDs in the REU/RWW database:

<http://www.classaxe.com/dx/ndb/reu>

73 (Hartmut Wolff, MWCircle yg via DXLD)

As I suggested early-on. So S.A.C. could tell us where the 1650 SAC unit is located, if they would (Glenn Hauser, OK, DX LISTENING DIGEST)

Hi Tim and company: I have been trying to catch SAC 1650 but have not been successful. I am about 45 miles north of New York City in Katonah, NY. I have listened on car radios, my Superadio and my Yaesu ham transceiver - no luck so far. I've tried all hours of night and greyline around sunrise/sunset - SSS and SRS. *** Has anyone yet organized a collection of bearings to create a triangulation for SAC? I would be glad to volunteer if it sounds useful. Is the beacon transmitting audio modulated CW or actual CW? Is it zero-beat with 1650 or is it offset by 700 Hz or whatever? Thanks, (Karl Zuk N2KZ, Katonah, NY, Oct 31, ABDX via DXLD)

<https://youtu.be/kK7R6lXzHtg>

Anybody figure this one out? (Juan Gualda, Fort Pierce, FL, Sent from my MetroPCS 4G LTE Android device, ABDX via DXLD)

1650, Gulf of Mexico beacon SAC. 0956 October 29, 2016. Thanks David Potter for passing this along from the NRC/IRCA lists, good under and over XEARZ. Signal points best around 315-degrees for me. Threshold audible all day, noise floor permitting, so clearly Gulf of Mexico rim. Recall, I was hearing mystery beacon 9HPI also on 1650 kHz in September of 2014 and again May of this year, also pointing Gulf rim. Suspect an oil/gas rig source for both. PETROBRAS is known to operate beacons on rigs off the coast of Brazil in the X-band, so could this be a former PETROBRAS transmitter relocated? Weak I-275 Tampa FDOT present daytime. A map of rig sites:

<http://gcoos.org/products/maps/petroleum/>

Coordinated bearings taken by myself, David Potter and Gerry Bishop -- all from separate locations between coastal central, NW and north central Florida -- would appear to put this north of Pt. St Joe to west of Panama City (Terry L Krueger, Clearwater FL, NRD-535, IC-R75, roof dipole, active loop, WORLD OF RADIO 1850, DX LISTENING DIGEST)

Any further updates on this? It just faded in here (EN71) at 2145z on my South antenna. Came up pretty quickly. 2140z there was nothing. Sunset terminator crossing from Maine/Nova Scotia down across the Eastern Atlantic into the middle of northern South America. (Geez, that sounded confusing...) Gulf of Mexico still pretty far away from sunset yet. I wonder if it's mobile? (Marine comms of some kind...) (Mark in IN Pettifor, Nov 2, IRCA via DXLD)

I've been searching for answers too. As far as I can tell, no one should be authorized to operate an NDB on that frequency - even an off-shore rig. Updates from anyone else? It continues to come in well here in Central Alabama on a nightly basis. I check it when I'm walking the dogs (Les Rayburn, director, Alabaster, AL 35007-8536, Nov

2, ibid.)

SAC, what would this abbreviate? SAniago, Cuba? (Jim Renfrew, ibid.)

Back in the 50s and 60's it was the Strategic Air Command (Larry K8YYY
R Fravel, "Common sense ain't common" Will Rogers, ibid.)

UNIDENTIFIED. 4915.068, Oct 31 at 1305, JBA carrier notable for being considerably off-frequency unlike many such still on the 60m band shortly after sunrise, corresponding mostly to India/Tibet/China channels, but NO Asians are listed on 4915, just two Brazilians, impossible now. Possibly something local, but have not noticed it before. Or an All India Radio way off-frequency, which they are quite prone to do (Glenn Hauser, OK, DX LISTENING DIGEST)

UNIDENTIFIED. EGYPT, UnID station with Egyptian music on Oct 28
0920-0925 on 9400 unknown tx / unknown, weak signal today
http://swldxbulgaria.blogspot.bg/2016/10/unidentified-station-with-egyptian_29.html

Unidentified station with Egyptian music on Oct 29:
0905-0920 on 9400 unknown tx / unknown, weak to fair today
http://swldxbulgaria.blogspot.bg/2016/10/unidentified-station-with-egyptian_92.html
(Ivo Ivanov, QTH: Sofia, Bulgaria, dxldyg via DX LISTENING DIGEST)

Unidentified station with Egyptian music vs Denge Kurdistan, Nov 2
from 0900 on 9400*unknown tx / unknown UNID strong signal today BUT
*strong co-ch 9400 ERV 300 kW / 192 deg WeAs Kurdish Denge Kurdistan
<http://swldxbulgaria.blogspot.bg/2016/11/unidentified-station-with-egyptian.html>
(Ivo Ivanov, QTH: Sofia, Bulgaria, dxldyg via DX LISTENING DIGEST)

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#### UNSOLICITED TESTIMONIALS

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#### ACKNOWLEDGED ON WORLD OF RADIO 1850:

Thanks to Steve Zimmerman, West Allis WI, for a generous check to P O  
Box 1684, Enid OK 73702.

Hi Glenn, DXLD is staple reading for me. It not only keeps me well informed in the world of MF/HF, but I like to think that my SWL logging/reporting practices have developed in a positive way by reading DXLD. I am increasingly having problems with Yahoo, so I just copy and paste from a text editor to make sure there are not any problems.

Although I have been listening primarily on LF/MF recently, I am working on a small HF loop, and will try phased dipoles in order to bring the local HF noise to heel. Oddly enough, my biggest noise problem is between roughly 2.2 and 10 MHz. The 150-1700 kHz range fares much better; it's actually not bad for an urban environment. Thanks for all of the time you devote to this hobby. Your dedication to this hobby is greatly appreciated (Steve Zimmerman, Milwaukee, WI)

TO BE ACKNOWLEDGED FUTURELY:

Chuck Ermatinger, St Louis MO, via PayPal to woradio at yahoo.com

#### PUBLICATIONS

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#### B-16 SCHEDULES

Links to most versions updated are on the WOR homepage:  
<http://www.worldofradio.com>

Re: {A-DX} HFCC B16

Am 30.10.2016 um 12:55 schrieb Wolfgang Bueschel:  
HFCC has already published the new data 14 days ago:  
<http://hfcc.org/data/b16/b16allx2.zip>

~~~~~  
Auf Basis der HFCC-Daten hat man in DIGIDX #34 verglichen. ==>
http://www.rhci-online.net/radiogram//VoA_Radiogram_2016-10-29.htm#A16vsB16

".....HFCC A16 vs B16 comparison

As mentioned in the news section, the HFCC A16 schedules are now available via <http://www.hfcc.org/> and DigiDX has compared the A16 and B16 broadcast hours for each language and transmitter site for several major international broadcasts to see where hours broadcast in each language has changed for the new season."

~~~~~  
Für die bessere Lesbarkeit habe ich die Blöcke der Rundfunkveranstalter farblich markiert - das wurde so nicht übertragen. For the better readability I have marked the blocks of the radio broadcasters in color - this was not transmitted so.

Es wäre besser gewesen, die große Tabelle im csv - Format zu codieren

- nicht als Textblock. It would have been better to encode the large table in csv format - not as a text block.

Es wurden keine unnötigen Leerzeichen gesendet, die Strukturierung erfolgte mit Tabstopp-Zeichen. No unnecessary spaces were sent; the structuring was done with tab characters.

Aber diese Tabstopps befanden sich an der falschen Position in manchen Zeilen. But these tab characters are at the wrong position in some lines.

Vielleicht sollte in solchen Fällen das csvform-Format genutzt werden, so wie schon einmal getestet bei der VOA: Perhaps should be used in such cases the csvform, as already tested at the VOA.

[http://www.rhci-online.net/radiogram/VoA\\_Radiogram\\_2014-04-05.htm#csvform](http://www.rhci-online.net/radiogram/VoA_Radiogram_2014-04-05.htm#csvform)  
(Roger, dxldyg via DXLD)

StationList-M a great Android App

I tested on my smartphone a great App: StationList-M: 3 databases in your pocket for dxing everywhere if you have not a PC with you. I wrote a post about it on PlayDX blog. Maybe you can be interested in. Ciao, Giampiero

Tutte le radio nello Smartphone. StationList-M, database per Android

Dalle onde lunghe alle FM, un programma che gestisce tre database in modo intelligente e veloce sul telefonino. Stiamo parlando di Station.

<https://playdxblog.blogspot.it/2016/10/tutte-le-radio-nello-smartphone.html>  
(Giampiero Bernardini, Milan, Italy, Oct 31, dxldyg via DXLD)

SYMBOLS IN WRTH ñ DAGGERS & DOUBLE-DAGGERS

Hi Glenn, I saw your comment:

``WRTH considers this MOROCCO, 300 kW SNRT from Layoune, i.e. occupied Western Sahara, a.k.a. El-Aioun, frequency with an unexplained double-dagger, whatever that mean (Glenn Hauser, DXLD)``

The double dagger means inactive. All symbols and abbreviations are listed in the Reference section on page 659. I know it is annoying having to look things up but it does help keep the book to a reasonable length. Best regards, (Nicholas Hardyman, WRTH Publisher, DX LISTENING DIGEST)

Nicholas, Tnx, noted. Perhaps you could still include the dagger keys

with some countries where applicable, if they do not take up another line. I could never remember which means inactive and which means irregular. Logically, the single dagger might mean ``dead`` as in a cross, at least temporarily. I see e.g. HONDURAS page 230 they do appear, so when they are missing elsewhere it's a bit frustrating. Best, (Glenn to Nicholas, via DXLD)

Glenn, We always had a key on the S & CAm countries and they have stayed with the unified symbols. Other countries sometimes have them but, as you suggest, if it makes another line for all countries in the book then that would add a few pages. Best, (Nicholas, ibid.)

WORLD OF HOROLOGY see also SPAIN  
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Received my new Radio-room clocks today

Today the two quartz analog clocks I ordered from Amazon arrived safe and sound. It didn't take me long to put fresh batteries in them. The supplied batteries look like the typical cheap Chinese Zinc Carbon ones; I don't trust them not to leak.

Then I set them up to WWV (10 MHz), one on local time and one on Zulu (GMT) time. That went quicker than finding two suitable wood screws, locating the studs in the wall, measuring and mounting them side by side. They look very nice hanging on the radio-room wall, above my head to the left. NOW, hopefully they'll keep good time!! If they don't, well Amazon has a 30 day hassle free (I hope) return policy, I'm keeping the boxes, etc. just in case.

One thing for sure, even "Mr Magoo" (anybody remember him) should be able to see those nice large black numbers on the white 12" clock faces. I won't do anything to them until I'm absolutely certain they'll keep time, then I'll use my label maker and make labels that say "Local" and "GMT (England)" and put the labels right in the middle like we did in the military.

NOTE: I sure miss those military clocks we had in our Comm centers. They were a normal "analog" clock, but with a remote battery (large dry cell if I recall correctly) and a pushbutton. You'd listen to WWV, and press the button exactly on the hour and it'd 'zero' the second and minute hands. Never seen anything like them in the civvy world, and I don't fully trust the so called "Atomic" clocks any longer.

[https://www.amazon.com/gp/product/B01GK53GGS/ref=od\\_aui\\_detailpages00?ie=UTF8&psc=1](https://www.amazon.com/gp/product/B01GK53GGS/ref=od_aui_detailpages00?ie=UTF8&psc=1)

-- 73 de (Phil, K06BB, Atchley, Specializing in DXing NDBs (Longwave

Beacons). Location: "The Beaconeer's Lair". Merced, Central California, 37,18,37N 120,30,6W CM97rh, K06BB/B beacon, ~20W to a Ringo Vertical 24/7 on 28.290 MHz. <http://www.qsl.net/ko6bb/> SWL at qth.net via DXLD)

END OF DAYLIGHT SAVING [sic] TIME COULD INCREASE RISK OF DEPRESSION  
<https://sg.news.yahoo.com/end-daylight-saving-time-could-increase-risk-depression-132003824.html>

A new Danish study has found that changing from daylight saving [sic] time to standard time increases the number of cases of serious depression.

Carried out by Associate Professor So/ren D. O/stergaard and his team from Aarhus University Hospital in Risskov, Denmark, and in collaboration with the universities of Copenhagen and Stanford, the study analysed 185,419 depression diagnoses registered in the Danish Central Psychiatric Research Register between 1995 and 2012.

The study found that the number of patients diagnosed with depression at psychiatric hospitals rises immediately after moving from daylight saving time to standard time, with the number of cases approximately eight percent higher than expected based on the development in the number of diagnoses leading up to the transition. O/stergaard also commented that the team are confident the increase is due to the transition and not other factors such as the change in the length of the day or the decline in weather, which were taken into account in the study.

The team also believe that although the study was based on severe depression in psychiatric hospitals, the transition might also increase the chance of other, less serious forms of depression.

Although the study doesn't reveal why the transition may cause the increase the rates of depression, the team suggest that it may be because the change takes an hour of daylight from the afternoon and adds it to the morning -- a time when many people may not benefit from it as they are indoors at home preparing for work. When they are free to get outside later in the day, it is already dark.

The findings can be found published online in the journal Epidemiology.

Previous studies have also pointed out the importance of getting enough daylight, especially in winter. Research has suggested that getting outdoors in the morning is most beneficial; those who struggle to get outside are advised to open the curtains at home and sit by windows in offices to try and maximize the amount of light.

Previous research also suggests that exercise, light therapy lamps and cognitive behavioral therapy can help fight depression in the winter months (via Mike Cooper, DXLD)

MUSEA  
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HALLOWE`EN FUN

Elections got you looking elsewhere for reality? Sorry, But here's a window into an alternate radio reality that actually requires you to exercise your imagination, as you listen to "Donovan's Brain" with Orson Welles ("Suspense" for 051844 and 052544). 45 minutes of a good time, appropriate for Halloween listening. Enjoy! Stream at <http://www.durenberger.com/DonovansBrain0544.mp3>  
Download 20 mb MP3 at <http://www.durenberger.com>  
Sure, Sure, Sure (Mark Durenberger, NRC-AM via DXLD)

016 DX AUDIO FILES - CAPE COD, MA (PRELIMINARY WEBPAGE)

One thing I hear about DXing in the SDR age is that people store up voluminous capture files and seem to take forever to review them and report loggings to other hobbyists. It does take some effort to save pertinent audio clips, upload them somewhere, and create / update a suitable HTML links page. Quite a different paradigm from the old days of exclusively "live" one-frequency-at-a-time DX when reports to others tended to get out more quickly. Right now I have an under-construction page of audio clip links of this year's reception highlights here. Many are within the last month or two (so likely still relevant). Not all details for each item have been populated into the webpage but I figured let's get it out there before the tips get too stale. Detailed reports, resolution of some unID's, and general page clean-up will come over the next week or so. November and December will likely see the addition of more items. See: [http://www.qsl.net/wa1ion/doc1/audio\\_2016.htm](http://www.qsl.net/wa1ion/doc1/audio_2016.htm)  
(Mark Connelly, WA1ION, South Yarmouth, MA, USA, 1 November, IRCA via DXLD)

QSL News --- Your readers might be interested in the following:

After representations to the National Film and Sound Archive (NFSA) in Canberra, senior management of the NFSA has agreed, in principle, to accept collections of QSL cards and verification letters. This is a significant breakthrough as the NFSA is cautious about what it receives for archiving, given the huge amount of interesting material within its orbit of interest.

I am aware that many Australian DXers and, or, their families are keen to conserve their precious QSLs and letter veries after they have left the hobby or have passed away. With this in mind, the NFSA has agreed to accept collections (broadcast band, not radio amateur) which will be held and made available to researchers and other interested parties.

While there are still some legal and copyright hurdles to be sorted out, fellow DXers interested in donating their collections to be held in storage at the NFSA should contact Canberra-based DXer, Sam Dellit, who has very kindly agreed to co-ordinate matters with the NFSA. This entire process is voluntary and, of course, it is up to individuals to decide whether or not they might wish to avail themselves of the opportunity. Come what may, it is surely better to seek to conserve historically interesting radio paraphernalia, such as QSLs, than to see it all consigned to rubbish bins and the local tip which is, sadly, often its fate (Martin Hadlow, Nov Australian DX News via DXLD)

QSL ARCHIVE IN AUSTRIA too --- Request from Wolf Harranth:

Now that we have more or less finished basic "filling" of Broadcast QSLs Online

<http://www.bcqsl.org>

we really worry about old (and new) cards. Our archive mainly starts in the mid-60's and ends in the early 80's. Do you think your members could contribute? Not necessarily with the hard stuff itself (though we really need particularly old and rare cards), a screen would do.

73, (Wolf Harranth, Documentary Archive Radio Communications, An den Steinfeldern 4A, 1230 Wien, Austria. Ph: +43 (0)1 87878 21071 /

Mobile: +43 (0)676 401 2585, [wolf.harranth@ORF.at](mailto:wolf.harranth@ORF.at) /

[office@dokufunk.org](mailto:office@dokufunk.org) <http://www.dokufunk.org>

(Wolf Harranth, Austria, DSWCI DX Window Nov 2 via DXLD)

DIGITAL BROADCASTING --- DRM See ALBANIA incidentally; ETHIOPIA; INDIA

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DIGITAL BROADCASTING --- DTV See MEXICO

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RADIO EQUIPMENT FORUM

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OVER THE HORIZON RADAR CHARACTERISTICS FROM DIFFERENT PROVIDERS

Nachrichten der DARC-Bandwacht:

Im Spaetsommer und Herbst 2016 haben wir auf unseren Baendern wieder

Hochsaison der Radare. Es handelt sich wie frueher auch um Ueberhorizonradare - Englisch "Over the Horizon", kurz OTH - mit Reichweiten von 3000 km und mehr. Wer keinen SDR zur Verfuegung hat, kann sie auch hoeren. Die Brummtöne erstrecken sich auf eine Breite von 10 bis 20 kHz, manche sogar auf 160 kHz Breite.

Die folgende Auswahl soll bei der Identifikation helfen:

3,5 bis 3,8 MHz: Chinesische Radare mit 50 kHz Breite oder mehr.

7,0 bis 7,2 MHz: Russisches Radar Contayner in Gorodezh mit 50 Sweeps/sec und 13 kHz breit. Mit Nebenprodukten bis zu 60 kHz breit - oft mit S=9+50dB in Deutschland in den Abendstunden zu empfangen.

Weiterhin gibt es chinesische Breitbandradare mit 160 kHz Breite und 10 Sweeps/sec.

10,1 bis 10,15 MHz:

Australisches OTH-Radar JORN mit Bursts, also kurze Bloecke, in den Abendstunden in Deutschland hoerbar. Die Signalbreite betraegt 10 kHz und enthaelt Introtoene.

14,0 bis 14,35 MHz: Russisches Radar Contayner in Gorodez hier mit Nebenprodukten bis zu 500 kHz, manchmal auch 1 MHz breit.

18,068 bis 18,168 MHz und 21,0 bis 21,45 MHz: Radare aus Zypern und der Tuerkei mit 20 kHz Bandbreite und 50 Sweeps/sec.

21,2 bis 21,45 MHz: Chinesische OTH-Radare mit 10 kHz Breite und 67 Sweeps/sec, oft springend.

Auf 28,96 MHz arbeitet ein OTH-Radar aus dem Iran mit 50 kHz Bandbreite - in Verbindung mit Splattern wesentlich mehr - und wechselnden Sweepzeiten zwischen 307 und 870 pro Sekunde. Es ist seit Monaten permanent auf dieser Frequenz und zurzeit mittags hoerbar.

Der WAG-Contest am 15. Oktober wurde durch das vorgenannte russische Radar zwischen 7,16 und 7,2 MHz abends empfindlich gestoert.

Auf Beschwerden durch die Bundesnetzagentur reagieren die Betreiber nicht. Aktuelle Informationen ueber Intruder bekommen Sie im Internet

<<http://www.iarums-r1.org/iarums/latest.pdf>>

(Wolf Hadel\_DK2OM, DARC Deutschland-Rundspruch 43/16, 43.KW, Oct 27 via BCDX 1 November via DXLD)

Useful data, but extremely ham-centric, concerned only with OTH radar impact on strictly defined hambands! (gh, DXLD)



## POSSIBLE SHORTWAVE RADIO SOLUTION TO WORLDWIDE INTERNET ACCESS

Business Inside Nordic 28 October 2016

[http://nordic.businessinsider.com/this-finnish-startup-has-a-solution-to-internet-get-anywhere-and-just-raised-more-than-\\$10-million-in-series-a-funding-2016-10/](http://nordic.businessinsider.com/this-finnish-startup-has-a-solution-to-internet-get-anywhere-and-just-raised-more-than-$10-million-in-series-a-funding-2016-10/)

KNL Networks, based in Oulu, Finland, has been in stealth mode during the past four years while developing a revolutionizing system that enables internet connection anywhere in the world – even in the middle of the Pacific Ocean – without using expensive satellite systems.

Today, KNL announced the completion of its series A funding round. The funding amounted to more than \$10 million making it one of the biggest Nordic series A rounds. Creandum is the biggest investor.

KNL has been extremely fortunate to have attracted continued interest from our Seed-level investors as well as visionary VCs and angels who have seen the tremendous capabilities offered by our technology. Like Facebook and Google, we see Internet Anywhere as a means to an end, and we believe our technology is ideally suited to making that happen in a wide range of industries, applications and geographies worldwide, said Toni Linden, CEO of KNL.

Facebook and Google have been exploring the possibility of bringing internet to remote locations by relaying data through a network of balloons. KNL's technology, on the other hand, proposes the opposite: incredibly long range signals, by sending internet protocol over the radio.

KNL's technology is already being used to provide robust internet connections to ships on the Atlantic and Pacific Oceans, but can be used anywhere on the globe for many different applications. Amongst others, the company sees a future in the development of the Internet of Things and autonomous vessels, as the internet anywhere technology will enable live-streaming of data from the most extreme locations.

Such capabilities are currently only possible with satellite networks, which are very expensive to operate. Instead, KNL's technology relies on shortwave radio transmissions, which can transmit data for thousands of kilometers, for a fraction of the cost of a satellite system. Accomplishing this has required the innovation of long-distance high frequency radio systems. In comparison with satellite internet, the radio technology offers the additional advantages of being easier to use, always on.

This Finnish startup has a solution to provide internet anywhere - and just raised \$10 million in series A funding

This Finnish startup has a solution to provide internet anywhere - and

just... Today, KNL announced the completion of its series A funding round. The funding amounted to more than \$10 million...

Posted by: (Mike Terry, dxldyg via DX LISTENING DIGEST)

Please explain how SW signals could possibly accommodate the bandwidth necessary for millions, or even thousands, of simultaneous internet connexions; and two-way? (Glenn Hauser, DXLD)

There was a vague document spotted at YCombinator/Hacker News here that said a bit more:  
[http://hfindustry.com/meetings\\_presentations/presentation\\_materials/2015\\_sept\\_hfia/presentations/8-KNL\\_HFIA-2015SEPT.pdf](http://hfindustry.com/meetings_presentations/presentation_materials/2015_sept_hfia/presentations/8-KNL_HFIA-2015SEPT.pdf)

See also: FINNISH STARTUP HAS A SOLUTION TO PROVIDE INTERNET ANYWHERE (businessinsider.com)

<https://news.ycombinator.com/item?id=12831393>

This looks like a bit of a con. The slide deck says the unit would operate between 4 and 26 MHz. Unless these are ultrawideband signals that are stomping on pretty much everything while shredding international standards, there is no explanation as to how this is being pulled off. Until I see hard details about modulation and transmission methods, this simply sounds like an empty promise. (Stephen Michael Kellat, KC8BFI, Ashtabula, Ohio, *ibid.*)

From the 18 page pdf presentation above:

KNL CNHF1 RADIOS

- i AUTOMATIC OPERATION MODE (CE)
- i POWER MAX. 50W
- i FREQUENCIES 4 ñ 26MHZ
- i 7M HIGH BROADBAND WHIP

3 STATIONS:

LOCATIONS: KIIMINKI, LOHJA, KARJALOHJA  
GROUND WAVE OVER DRY GND: 17,8KM  
IONOSPHERIC LINKS: 566KM & 571KM  
(via Glenn Hauser, DXLD)

Presumably this would be something similar to 'sail-mail' and the SITOP/PACTOR type systems that already operate on SW from sites owned by, for example, Global Communications and others.

My understanding is that SW can support speeds UP TO 5.5 kbps (emphasis on the 'up to' because you'll never reach 'top speed' practically), which is fine for email or grabbing a weather chart or

two, but certainly won't work with interactive websites and the like.

Is there some 'new' technology that increases the bandwidth sufficiently to make this practical? -- (Kenneth V Zichi, Is it time to cook yet? Nov 2, ibid.)

Hi Glenn, I looked at the this a bit and it seems that the Internet via Shortwave system is not meant for the masses:  
<http://www.zdnet.com/google-amp/article/the-radio-system-taking-connectivity-to-the-toughest-environments-in-the-world/>  
(Daniel Rosenzweig, DX LISTENING DIGEST)

Excerpt:

Simple usage --- At the core of the CNHF system is a physical radio, but what users actually operate are their own laptops and connected devices. The radio is only equipped with an on/off switch and can be connected to a router through an Ethernet cable or directly to a laptop giving access to online services such as email and instant messaging. The company says the maximum data rate is 153 kbps - not fast by home broadband standards but enough to enable critical communication.

"Our system is directly IP compatible, it supports both IPv4 and IPv6. In practice this means that our radio acts as an terminal exactly the same way as a satellite terminal," says Lindén. "We can transmit practically any IP data. In the next phase we are planning to enable VoIP calls and web browsing."

While KNL claims its radio system can be used anywhere in the world, including Arctic areas which are still a weak spot even for satellite communications, it's mainly targeted at demanding operational environments in security and defence, as well as industrial sectors. These are areas where satellite communications are commonly used, but KNL believes it can offer both cost advantages by using traditional radio waves and ensure greater reliability.

Interestingly, the origin of KNL is steeped in history. The name is an abbreviation of Kyynel ('tear' in English) which was the name of a portable HF radio developed by the Finnish intelligence services during the Winter War in 1939-1940 (via gh, DXLD)

DETERMINING GREAT CIRCLE PATHS

[Re: ANTARCTICA, which gh accomplished with his NGS Globe]

Glenn: Great insight about South America & Propagation Here !! Great for NOVICES & Old Timers as well. If anyone has trouble envisioning

these Explanations, Go to:  
<http://www.greatcirclemapper.com>  
and check out the "Flight Paths"

I did this a couple weeks ago when posts appeared about N. Korea's -  
Latin America B/C's and was awakened to the REAL PATH ON A SPHERE,  
compared to what my Mental Picture told me!!

EXAMPLE: Christchurch N.Z. is at about the same Azimuth as Hawaii,  
about south west [225 degrees], where as DARWIN Australia is 12  
degrees NORTH of STRAIGHT WEST [282 D.] from Calgary AB.

Even Old Dogs can learn New Tricks!! Thanks for the DETAILS, Glen[n].  
Everything that we can learn from each-other WILL MAKE THE GROUP  
STRONGER !! THX RW (Rick Wald, BC, ptsw yg via DXLD)

PROPAGATION  
+++++

PRESIDENT OBAMA ORDERS PREPARATIONS FOR EXTREME SPACE WEATHER EVENTS

Tomas Hood, NW7US the editor of the CQ Magazine Propagation column,  
sent this late Thursday night:

"Space Weather is now the focus of a new executive order issued on  
13 October 2016, as U.S. President Obama takes aim at preparing the  
nation's infrastructure for 'extreme space weather events.'

"Space weather, which covers the Sun-Earth connection and includes  
the conditions with which radio amateur shortwave communications  
occur, is a hot area of research and development, and funding.  
Space weather has the potential to not only affect radio  
communications but also to affect and disrupt health and safety  
across the world.

"Issuing an executive order is one way to ensure funding, but it  
also serves as a reminder that we amateurs are positioned in several  
ways to participate in the national readiness in the space weather  
arena: firstly, we are emergency communicators, many of whom are  
passionate about being prepared to offer their communities with  
selfless radio communications service, but additionally, being  
well-educated on space weather science and applications of space  
weather and radio propagation knowledge.

By the way, for those interested readers, I am still offering a  
comprehensive space weather and radio propagation course that includes  
material on forecasting; see  
<http://sunspotwatch.com/swc>

and

<http://bit.ly/2e5odRP>

See you on the air - 73 de NW7US <https://fb.me/spacewx.hfradio> ."

(via QST de W1AW, Propagation Forecast Bulletin 44 ARLP044, From Tad Cook, K7RA, Seattle, WA October 28, 2016, To all radio amateurs, via DXLD)

GEOMAGNETIC INDICES ñ Compiled by: Phil Bytheway

E-mail: [phil\\_tekno@yahoo.com](mailto:phil_tekno@yahoo.com)

Geomagnetic Summary October 1 2016 through October 31 2016

Tabulated from email status daily (K @ 0000 UTC.)

| Date | Flux | A  | K | Space Wx     |
|------|------|----|---|--------------|
| 1    | 81   | 19 | 3 | no storms    |
| 2    | 82   | 18 | 4 | minor, G1    |
| 3    | 88   | 14 | 3 | no storms    |
| 4    | 93   | 26 | 4 | minor, G1    |
| 5    | 99   | 13 | 3 | no storms    |
| 6    | 102  | 6  | 1 | no storms    |
| 7    | 104  | 6  | 1 | no storms    |
| 8    | 104  | 8  | 1 | no storms    |
| 9    | 105  | 5  | 1 | no storms    |
| 10   | 102  | 11 | 1 | no storms    |
| 11   | 99   | 4  | 1 | no storms    |
| 12   | 98   | 6  | 3 | no storms    |
| 13   | 95   | 43 | 5 | moderate, G2 |
| 14   | 93   | 24 | 1 | moderate, G2 |
| 15   | 85   | 11 | 3 | no storms    |
| 16   | 81   | 18 | 4 | minor, G1    |
| 17   | 76   | 20 | 4 | no storms    |
| 18   | 77   | 11 | 3 | no storms    |
| 19   | 77   | 7  | 1 | no storms    |
| 20   | 75   | 3  | 1 | no storms    |
| 21   | 78   | 2  | 0 | no storms    |
| 22   | 78   | 6  | 2 | no storms    |
| 23   | 77   | 8  | 3 | no storms    |
| 24   | 75   | 16 | 3 | no storms    |
| 25   | 78   | 60 | 6 | strong, G3   |
| 26   | 78   | 46 | 5 | moderate, G2 |
| 27   | 79   | 28 | 3 | minor, G1    |
| 28   | 79   | 17 | 4 | no storms    |
| 29   | 79   | 26 | 3 | minor, G1    |
| 30   | 76   | 18 | 2 | no storms    |
| 31   | 77   | 11 | 1 | no storms    |

Gx ñ Geomagnetic Storm Level Rx ñ Radio Blackouts Level

Sx ñ Solar Radiation Storm Level (IRCA DX Monitor Nov 5 via DXLD)

:Product: Weekly Highlights and Forecasts  
:Issued: 2016 Oct 31 0550 UTC  
# Prepared by the US Dept. of Commerce, NOAA, Space Weather Prediction Center  
# Product description and SWPC contact on the Web  
# <http://www.swpc.noaa.gov/weekly.html>  
#  
# Weekly Highlights and Forecasts  
#  
Highlights of Solar and Geomagnetic Activity 24 - 30 October 2016

Solar activity was at very low levels during the period. The two numbered regions on the visible disk were Region 2603 (N13, L=340, class/area Dao/080 on 26 October) and 2604 (N07, L=261, class/area Bxo/010 on 29 October). Other activity included a slow moving coronal mass ejection (CME) directed mostly south of the ecliptic beginning at 30/1012 UTC in SOHO/LASCO C2 imagery. The source of the CME was unclear and may be associated with magnetic re-connection near S30E15. Preliminary analysis indicated a possible weak glancing blow arrival around midday on 04 November. Further analysis is currently underway.

No proton events were observed at geosynchronous orbit.

The greater than 2 MeV electron flux at geosynchronous orbit was at moderate levels on 24-25 October and reached high levels from 26-30 October. The largest flux value of the period was 47,726 pfu observed at 27/1530 UTC.

Geomagnetic field activity ranged from quiet to G3 (Strong) storm levels. The period started off under the waning influence of a weak isolated positive polarity coronal hole high speed stream (CH HSS). Solar wind speeds were mostly in the 380 km/s to 430 km/s range with total field values between 5 nT and 10 nT and prolonged periods of southward Bz. The geomagnetic field responded with quiet to active levels on 24 October. Early on 25 October, total field began to rise to a maximum of 21 nT at 25/1016 UTC while the Bz component deflected southward to -17 nT indicating the onset of a co-rotating interaction region. This was followed by a rise in solar wind speed to around 750-830 km/s as a large, polar-connected, positive polarity CH HSS moved into geoeffective position. Coronal hole influence declined to the 530-680 km/s by midday on 27 October and remained there until the end of the period. The geomagnetic field responded with active to G3 (Strong) storm levels on 25 October, active to G2 (Moderate) storm levels on 26 October, unsettled to G1 (Minor) storm levels on 27 and 29 October, unsettled to active levels on 28 October, and quiet to active levels on 30 October.

# FORECAST OF SOLAR AND GEOMAGNETIC ACTIVITY 31 OCTOBER-26 NOVEMBER 2016

Solar activity is expected to be at very low to low levels throughout the forecast period.

No proton events are expected at geosynchronous orbit.

The greater than 2 MeV electron flux at geosynchronous orbit is expected to be at moderate levels with high levels likely from 31 October-06 November, 12-19 November, and again from 22-26 November due to CH HSS influence.

Geomagnetic field activity is expected to be at unsettled to active levels from 31 October-01 November, 11-15, and 19-26 November with G1 (Minor) storm levels likely on 13, 21-23, and 25 November and G2 (Moderate) storm levels likely on 21-22 November due to recurrent CH HSS activity.

:Product: 27-day Space Weather Outlook Table 27D0.txt

:Issued: 2016 Oct 31 0550 UTC

# Prepared by the US Dept. of Commerce, NOAA, Space Weather Prediction Center

# Product description and SWPC contact on the Web

# <http://www.swpc.noaa.gov/wwire.html>

#

# 27-day Space Weather Outlook Table

# Issued 2016-10-31

#

| # | UTC         | Radio Flux | Planetary | Largest  |
|---|-------------|------------|-----------|----------|
| # | Date        | 10.7 cm    | A Index   | Kp Index |
|   | 2016 Oct 31 | 80         | 15        | 4        |
|   | 2016 Nov 01 | 80         | 12        | 4        |
|   | 2016 Nov 02 | 80         | 8         | 3        |
|   | 2016 Nov 03 | 78         | 8         | 3        |
|   | 2016 Nov 04 | 82         | 8         | 3        |
|   | 2016 Nov 05 | 82         | 5         | 2        |
|   | 2016 Nov 06 | 82         | 8         | 3        |
|   | 2016 Nov 07 | 80         | 5         | 2        |
|   | 2016 Nov 08 | 80         | 5         | 2        |
|   | 2016 Nov 09 | 78         | 5         | 2        |
|   | 2016 Nov 10 | 78         | 5         | 2        |
|   | 2016 Nov 11 | 80         | 10        | 3        |
|   | 2016 Nov 12 | 80         | 15        | 4        |
|   | 2016 Nov 13 | 78         | 18        | 5        |
|   | 2016 Nov 14 | 75         | 10        | 3        |
|   | 2016 Nov 15 | 73         | 8         | 3        |
|   | 2016 Nov 16 | 73         | 5         | 2        |
|   | 2016 Nov 17 | 78         | 5         | 2        |

|             |    |    |   |
|-------------|----|----|---|
| 2016 Nov 18 | 78 | 5  | 2 |
| 2016 Nov 19 | 77 | 8  | 3 |
| 2016 Nov 20 | 75 | 15 | 4 |
| 2016 Nov 21 | 78 | 54 | 6 |
| 2016 Nov 22 | 78 | 42 | 6 |
| 2016 Nov 23 | 80 | 24 | 5 |
| 2016 Nov 24 | 80 | 18 | 4 |

(SWPC via DXLD)

#### GLENN'S PROPAGATION OUTLOOK FOR MEDIA NETWORK PLUS AS OF NOV 3, 2016

Keith, from IPS in Australia, the global HF propagation forecast thru November 5: normal and low and middle latitude bands; normal to fair at high latitudes.

From Spaceweather South Africa thru November 5: magnetic conditions quiet to unsettled; shortwave fadeouts unlikely; MUF unstable.

From Met Office UK thru November 6: Solar activity at very low levels with only weak sunspot activity. Geomagnetic activity mostly Quiet to Unsettled, with a chance of Active periods November 3 and 4.

From F K Janda, OK1HH in Prague, the Geomagnetic field will be:  
 quiet to unsettled on November 4, 10 - 11, 14, 19  
 mostly quiet on November 5, 15, 18  
 quiet on November 6 - 7, 16 - 17  
 quiet to active on November 8, 12 - 13  
 active to disturbed on November 9, 20 - 21

From SWPC in Boulder: Geomagnetic field unsettled to active November 11-15, and 19-26 with G1 (Minor) storm levels likely on November 13, A and K indices of 18 and 5; G2 (Moderate) storm levels likely on November 21-22 with A's and K's pecking at 54 and 6. Solar flux reaching only 82 on November 4 to 6. Down to 73 on November 15 and 16.

For meteor scatter enthusiasts, RSGB says we are approaching the peak of the Taurids shower. The meteor rate is low but it does have a reputation for some fireballs. Look for a peak overnight around the 4th and 5th of November.

William Hepburn's VHF-UHF-microwave DX maps show extreme tropospheric ducting off southern California November 7 and 8; between Oman and India November 5 to 7; off the west and northwest coast of Australia November 4 to 8 (via DXLD)

ICE AGE MIGHT GRIP EARTH, NASA IMAGES SHOW SUN GOING "BLANK" FOR FOURTH TIME IN 2016 --- By R. Siva Kumar



Shivers! Yesterday, NASA images showed that the sun has gone "blank" without any sunspots for the fourth time this year. The solar surface shows complete inaction. It could lead us to the Ice Age, say climate experts.

Usually, our sun doesn't have a pleasant face, but looks burning hot, pocked by sunspots. But now, it looks smooth, with sunspots at the lowest rate for 10,000 years. Solar activity too has slowed down.

However, the sun's pleasant face isn't too pleasant for the earth. Such blank faces, without sunspot activity could usher in a cold spell, just like the Maunder Minimum, which began in 1645 and went on till 1715. That was called the Little Ice Age and even became well-known because of the winter frost fairs that became popular on the frozen surface of the Thames.

The warning was issued by meteorologist and renowned sun-watcher Paul Dorian in his report. It spread some tension: "The blank sun is a sign that the next solar minimum is approaching and there will be an increasing number of spotless days over the next few years," said Dorian. "At first, the blankness will stretch for just a few days at a time, then it'll continue for weeks at a time, and finally it should last for months at a time when the sunspot cycle reaches its nadir. The next solar minimum phase is expected to take place around 2019 or 2020."

Sunspot activity is like a pendulum, swinging back and forth within a period of 11 or 12 years. However, solar activity is falling more rapidly than at any time in the last 10,000 years.

As SpaceWeather put it: "Right now the pendulum is swinging toward low sunspot numbers. Forecasters expect the cycle to hit rock bottom in 2019-2020. Between now and then, there will be lots of spotless suns.

At first, the blank stretches will be measured in days; later in weeks and months. The current blank spell is the 4th such interval of 2016, so far."

Hence predictions - and these are not from astrologers but weathermen - forecast that more blank suns are likely. "There will be lots of spotless suns," say the forecasters.

Last year, Professor Valentina Zharkov said that in the 2030s, the sun's activity could plunge by 60%, leading to the next mini Ice Age. It would lead to crop failures as well as other disasters on the planet.

He said: "I am absolutely confident in our research. It has a good

mathematical background and reliable data, which has been handled correctly. In fact, our results can be repeated by any researchers with the similar data available in many solar observatories, so they can derive their own evidence of upcoming Maunder Minimum in solar magnetic field and activity" (Headlines & Global News via November Australian DX News via DXLD) ###